

# JACOB E. PERKINS

Lieutenant, United States Coast Guard | Civil Engineer  
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## PROFESSIONAL SUMMARY

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Lead Facility Asset Manager directing the U.S. Coast Guard Civil Engineering Unit Oakland (CEUO) team responsible for a \$4.34B shore infrastructure portfolio across the Pacific Northwest and Southwest (71+ units); coordinates a \$33M/year Depot Level Maintenance (DLM) program under CEU Technical Director. Strong record of identifying and bridging programmatic gaps with data-driven solutions. M.S. Civil Engineering, University of Washington (3.96 GPA).

## PROFESSIONAL EXPERIENCE

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### Lead Facility Asset Manager

Sep 2024 – Present

*U.S. Coast Guard — Civil Engineering Unit Oakland, CA*

*Direct the asset-management team across Pacific Northwest & Southwest Districts in support of a \$4.34B shore facility portfolio serving 71+ units; coordinate the \$33M/year DLM program and \$2M/year Self-Help/CASREP budget.*

- **Program modernization:** Designed and deployed a centralized Power BI ecosystem integrating asset, financial, inspection, and maintenance-request data, replacing disconnected spreadsheets with a single source of truth. Serves 71+ units across Pacific Area and integrated CEUs Juneau and Honolulu DLM program data.
- **Strategic planning:** Coordinated FY25–FY27 DLM program baseline, prioritizing ~\$33M/year of shore investment; revitalized Regional Planned Obligation Prioritization boards after a two-year hiatus; Adjusted to and coordinated \$52M reconciliation funding injection into the FY26 DLM program.
- **AI & workflow consultant:** Built an AI-powered SOW generator on own initiative supporting high-speed project scoping and contracting across DNW/DSW, contributing to success in Operation Restore Habitability. Handpicked by Command and Technical Director for a CG-wide AI sprint on SOW/RFP development; selected for the SILC DLM Fit-Gap Team based on CEU Oakland's SSMR systems; CEU Oakland representative on the SILC Integrated Product Team shaping the next-generation IBM SAM / Maximo platform.
- **Cross-branch workflow delivery:** Selected by Command to develop workflows for Environmental and Contracting branches; coordinated a 2–3 year DLM look-ahead enabling proactive permitting and built an automated modification tracking system linking Construction and Contracting.
- **Self-help program growth:** Automated workorder authorization and fund tracking with a Power Automate workflow; execution grew from 52 projects / \$746K (FY24) to 76 / \$2.00M (FY25) — 169% increase.
- **S1 contract approval program:** Helped stand up CEU Oakland's S1 contract approval process at inception; evolved from drafter to program lead, enabling \$150M+ in contract execution through Commandant and DHS.

### Construction Manager

Jan 2023 – Aug 2024

*U.S. Coast Guard — Civil Engineering Unit Oakland, CA*

*Managed portfolio of depot-level maintenance and construction projects totaling \$42M+ across California, Oregon, and Washington; served as Contracting Officer's Representative (COR).*

- **Acting Branch Chief:** Served 3 months as Acting Regional Execution Construction Branch Chief; led 15-person military/civilian team executing a \$98M construction portfolio.
- **Base Seattle Temporary Facilities:** Co-managed \$26.7M design-build project — the largest award in CEU Oakland history — supporting future Polar Security Cutter homeporting and Base Seattle modernization.
- **Tongue Point Pier Repair:** Managed \$4.1M waterfront repair in Astoria, OR; coordinated with Oregon DEQ, in-house environmental team, and contractor to execute in-water work during tight tide windows and CGC ELM drydock.
- **Cost-saving negotiation:** Identified pricing discrepancies in a contractor modification proposal for the \$3.1M Burrows Island environmental remediation; negotiation reduced the modification from \$377K to \$125K, saving the government ~\$252K.
- **Waterfront inspection contract:** Drafted the scope of work and Independent Government Estimate for a ~\$800K D11/D13 waterfront inspection contract; identified \$50M+ in downstream inspection and repair needs.
- **Additional projects:** Sector Humboldt Bay dental clinic utility modification; STA Tillamook exterior M&R (\$2.9M); STA Destin hurricane M&R (\$3.9M); Quarters A exterior repairs at Yerba Buena Island (\$1.1M).

## Temporary Duty — Deck Watch Officer

Jul – Aug 2023

USCGC ACTIVE (WMEC-618)

Filled a mission-critical watch gap; re-qualified as Underway Officer of the Deck to augment a JIATF-South counter-narcotics patrol.

- Stood 130+ hours of watch; contributed to interdiction of a go-fast vessel carrying ~190 kg of narcotics and a high-profile SAR operation for S/V Defiant.
- Reviewed and administered an OOD pre-board to qualify another watch officer before departure.

## Deck Watch Officer / Assistant Operations Officer

Jun 2019 – Jun 2021

USCGC DEPENDABLE (WMEC-626), 210-ft Medium Endurance Cutter

Responsible to the Commanding Officer for safe navigation, mission execution, and daily routine of the cutter; oversaw Operations Department of 22 personnel.

- Qualified as Underway OOD, Inport OOD, and Helicopter Landing Signals Officer; planned and executed special sea details as Assistant Navigator, including four evolutions in a single day during CMTA Phase 2 inspection.
- Coordinated with Aviation Training Center and HITRON to recertify flight deck crews after a pandemic-driven lapse, restoring 100% mission readiness; served as Pandemic Planning Officer, synthesizing guidance from 20+ sources to maintain unit COVID-19 compliance.
- Chaired six Inport OOD pre-qualification boards, resulting in qualification of six new Officers of the Deck; Boarding Team Member supporting Operations Southeast Watch, Unified Resolve, and Atlantic Venture.

## EDUCATION

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### University of Washington

Dec 2022

Master of Science in Civil Engineering • Seattle, WA • GPA: 3.96

Coursework: Construction Management, Sustainable Construction, Project Estimating, GIS, Energy Infrastructure & Environment.

### United States Coast Guard Academy

May 2019

Bachelor of Science in Civil Engineering, Honors • New London, CT • GPA: 3.34

Capstone: \$600K and \$4.1M waterfront repair alternatives for CG Station Humboldt Bay. Hotel Company Executive Officer (Spring 2019), leading 120 cadets.

## CERTIFICATIONS & PROFESSIONAL DEVELOPMENT

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- Fundamentals of Engineering (FE) — Civil, Idaho Board (2018)
- FAC-COR II
- FAA Part 107 Remote Pilot (UAS)
- Midgrade Officer & Civilian Transition Course, U.S. Coast Guard (2026).

## TECHNICAL SKILLS

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**Project & Program Management:** Construction management, federal contracting, COR duties, scope & Independent Government Estimate (IGE) development, schedule and cost control, contract modification negotiation.

**Data & Analytics:** Microsoft Power BI, Power Automate, SharePoint, MS Lists, Excel (advanced), Office 365, AI-assisted document generation.

**AI & Emerging Tech:** Anthropic Claude, Google Gemini, prompt engineering for SOW/RFP generation, workflow automation.

## HONORS, AWARDS & SERVICE

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- Coast Guard Meritorious Team Commendation Ribbon (3 awards); Commandant's Letter of Commendation Ribbon (2 awards); Armed Forces Service Medal; Pistol/Rifle Expert Medals; Sea Service and National Defense Service Medals; Graduated with Honors, U.S. Coast Guard Academy (2019).
- U.S. Coast Guard Rugby — Armed Forces Rugby Tournament competitor (2021–2024); CG defeated Navy and Marine Corps at the 2024 Rugbytown 7s. Selected for 2025 Armed Forces camp (unable to attend due to injury); mentored collegiate players at Saint Mary's, Cal Poly Maritime Academy, and Diablo Valley College.
- Member, Society of American Military Engineers (SAME) — San Francisco Post. USCGA Civil Engineering program liaison.