

Hannah Adams

I'm a builder and product technologist working at the intersection of software engineering, design, and strategy. I thrive in environments where ambiguity is high, speed matters, and the path forward requires technical execution, data-informed insight, and product vision.

Professional Experience

Capital One Aug 2025 - Present
Software Engineer - CODA

Rohirrim.ai Feb 2025 - Aug 2025
Product Analyst / Technical Account Manager

- Designed and implemented multi-step prototyping workflows and AI research integrations that improved accuracy, speed, and resilience of the platform.
- Served as the sole prompt engineer for the government acquisition tool, building and testing model workflows and user-facing experiences from pilot approval to delivery.
- Supported the 0→1 development of a novel GenAI procurement product for government acquisition offices and the first-ever OTA Prototype award for this customer
- Partnered with CISO on compliance efforts (FedRAMP, CMMC, ISO 27001, SOC 2) to ensure security and regulatory alignment.

U.S. Federal Government 2022-2024
Engineer / Program Manager

- Led engineering teams through rapid prototyping cycles using injection molding, 3D printing, CNC machining, and mechanical product design to deliver new hardware capabilities.
- Managed multiple global development programs, introducing new product capabilities and integrating contractor technologies into radio-based communications solutions.
- Designed and executed system-level test plans to verify and validate technologies against technical requirements.

MIT Laboratory for Manufacturing and Productivity 2021
Lab Assistant

- Instructed upper-level students in the design and manufacturing of custom injection molded products and the proper use of machinery, including mills, lathes, and injection molding machines
- Enhanced educational resources for mold design and machining principles to improve the undergraduate experience

Education

Massachusetts Institute of Technology 2017-2021
Bachelor of Science in Mechanical Engineering
Minor in Computer Science

- Pi Tau Sigma - Mechanical Engineering Honor Society
- GPA: 4.8/5.0

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Skills

Technical Skills

- Product Design and Development
- Test Planning and Execution
- Program / Contract Management
- Product Validation Testing
- Technical Communication

Tools/Software

- Solidworks, FeatureCAM, Fusion360
- Python, Swift, C++, HTML/CSS

Fabrication and Design Skills

- Short-cycle Fabrication
- Metal and Plastic Manufacturing
- Hands-on Prototyping
- CAD / CAM

Certifications

- Certified Customer Success Manager (CCSM)
- Certified COTR Level 1 (FAC-COR)
- Certified Professional Project Manager (PPMC)

Recent Projects

Record Collector

A record collection app built for iOS with library organization, statistics, and Spotify integration

Site Sense

An iOS app to track insertion sites of diabetic equipment

Awards

Exceptional Performance Award - 2023

- Multi-year project delivery with high impact in new product space

Exceptional Performance Award - 2022

- Extraordinary test support and troubleshooting