Benjamin D. Adams

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Education

Northeastern University, Boston, MA   Aug 2022 – Present
Khoury College of Computer Sciences   **GPA 3.7/4.0**
Candidate for Bachelor of Science in Computer Science, Concentration: Artificial Intelligence   April 2026
Coursework: Machine Learning, Artificial Intelligence, Data Structures and Algorithms, Object-Oriented Design
Computer Systems and Architecture, Discrete Structures, Theory of Computation, Software Development,

Walt Whitman High School, Bethesda, MD   Aug 2018 – June 2022
Activities: varsity rowing, weightlifting, band   **GPA 4.4/4.0**

Computer Knowledge

Languages: Java | Python | JavaScript | SQL | HTML5 | DrRacket | LaTeX | JSON | C | C++ | Go | CSS3 | TypeScript

Systems: Windows 10,11 | macOS | Linux | iOS | AWS

Tools: GitHub | Git | VsCode | IntelliJ | React | NodeJS | JiraX | Pandas | NumPy | Tailwind | PyTorch | TensorFlow

Work Experience

atpco

Intern, Software Engineer   Jun – Aug 2025
- Designed and implemented a custom feature flag provider for aptco, enabling dynamic flag evaluation from YAML files stored in AWS S3 **(Java, Spring Boot, AWS SDK, YAML, OpenFeature, LocalStack)**
- Wrote comprehensive unit and integration tests for full CI/CD coverage **(JUnit5, Mockito, JaCoCo)**
- Prepared, delivered, and led a live demo

Snipp Interactive

Intern, Software Engineer   Jan – Jun 2024
- Developed an AI-powered product normalization API using OpenAI's GPT model to clean and reformat large unstructured CSV datasets **(AWS Cloud9, NodeJS, OpenAI API, AWS S3)**
- Developed RESTful APIs with Node.js and Express, normalizing global address data via LibPostal and AWS Cloud9 **(ExpressJS, AWS EC2, AWS Cloud9)**
- Built a browser-based asset management UI for AWS S3 with secure upload, tagging, and CDN linkage. **(HTML, CSS, Vue 3, AWS S3, AWS Cloud9)**

Oasis Club, Northeastern University – Mentor
- Mentored a group of four first-year students on AI Workflows and full-stack development
- Led weekly project planning sessions and guided technical implementation

Personal Projects **Hosted on bdadams.dev**

LeetGenie – AI-Driven Coding Assistant (*JavaScript, React, OpenAIAPI)*
- Developed a Chrome browser extension that adds a hint button to any problem on LeetCode
- Implemented AI integration with OpenAI GPT API, to give the user personalized hints
- Engineered adaptive code detection that extracts problem description and current user code

MiniShell – Lightweight Unix Shell (*C, NextJS, WebAssembly)*
- Built Unix shell clone in C with custom tokenizer, command parser, and virtual filesystem
- Designed WebAssembly compilation for web deployment and full functionality in browser

Interests & Achievements

Interests: Weightlifting | Cooking | Game Design | Gaming | Running | Guitar

Achievements: Piano recital at Carnegie Hall | Challenger League of Legends