

# Benjamin D. Adams

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## Education

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**Northeastern University**, Boston, MA Aug 2022 – Present  
Khoury College of Computer Sciences June 2026  
*Candidate for Bachelor of Science in Computer Science* **GPA 3.6/4.0**  
Coursework: Object-Oriented Design, Algorithms and Data, Computer Systems and Architecture  
Discrete Structures, Database Design, Theory of Computation, Software Development, Linear Algebra  
**Walt Whitman High School**, Bethesda, MD Aug 2018 – June 2022  
Activities: Varsity Rowing, Weightlifting, Band **GPA 4.4/4.0**

## Computer Knowledge

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**Languages:** Java | Python | JavaScript | SQL | HTML | DrRacket | LaTeX | JSON | C | C++

**Systems:** Windows 10,11 | MacOS | Linux | Apple iOS | AWS

**Tools:** GitHub | git | VsCode | IntelliJ | Eclipse | NodeJS | JiraX | Pandas | NumPy | Tailwind

## Work Experience

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### 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
  - Skills: Java, Spring Boot, AWS SDK, YAML, OpenFeature, LocalStack, Git
- Achieved desired unit test and integration coverage utilizing JUnit 5, Mockito, and JaCoCo. Implemented desired logging capabilities using Opentelemetry API
  - Skills: Mockito, JUnit5, Opentelemetry

### Snipp Interactive

Intern, Software Engineer Jan – Jun 2024

- Developed an API which takes poorly formatted CSV product lists and reformats them into a format usable by Snipp's internal systems. Uses ChatGPT API prompts and schemas to reformat the product list data
  - Skills: *AWS Cloud9, NodeJS, OpenAI API, AWS S3*
- Created a REST API using LibPostal's NodeJS library, normalizing location information for users worldwide
  - Skills: *ExpressJS, Open-Source Libraries, AWS EC2, AWS Cloud9*
- Designed a UI for navigating, uploading, tagging, and deleting assets in S3 connected to a CDN
  - Skills: *HTML, CSS, Vue 3, AWS S3, AWS Cloud9*

*References available upon request*

## Projects [Hosted on bdadams.dev](https://bdadams.dev)

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### LeetGenie

- Developed a Chrome browser extension which 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

- 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

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Interests: Weightlifting | Cooking | Coding | Game-Design | Gaming | Comfy-Sweatshirts

Achievements: Piano recital at Carnegie Hall N.Y. | Cloud9 Esports