

New York, NY
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JOHN SMITH

johnsmith.com
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EDUCATION

Boston College, Newton, MA **B.A. May 2027**
Computer Science Major | Mathematics Minor
Major GPA: 3.72 | Cumulative GPA: 3.61
Relevant Courses: Algorithms, Data Structures, Artificial Intelligence, Software Development
Awards: 2023 Jenkins Prize for Outstanding Research in Computer Science | 2023-2024 Dean's List | 2022-2023 Dean's List

TECHNICAL SKILLS

Programming Languages: Python, JavaScript/TypeScript, Java, C, SQL, HTML, CSS
Libraries and Frameworks: Git, React, Flask, Pandas, PyTorch, MySQL, Postman, AWS SDK
AWS: RDS, App Runner, Lambda, S3, API Gateway, CloudFront, CloudFormation, Route 53, IAM
Concepts: Algorithms, Data Structures, Full-Stack Development, Agile Development / Scrum, REST APIs, OOP, Relational Databases, Distributed Systems, Cloud Development, Infrastructure as Code

EXPERIENCE

Software Engineering Intern, Micro Systems **Summer 2024**

- Designed, developed, and tested a full-stack service that allows customers to submit complaints and track their tickets within the internal IT system
- Created a React/Typescript website and multiple Lambdas, AWS CDK stacks, and API Gateway endpoints
- Increased customer satisfaction by 23% and sales by 7%

Creator, Time Zones for Find My Friends **2023-Present**

- Created an extension for Apple's Find My app that displays the local time for each person in the user's contact list
- Designed and developed a fully-responsive React front-end hosted on AWS App Runner, a Flask API with 70+ endpoints, a SQL Database hosted on AWS RDS, and an Okta-based login process
- Launched the site in November 2023 and gained 500 downloads in the first three months

Data Engineering Intern, Macro Systems **Summer 2023**

- Updated a data collection system to leverage AWS, including fast download speeds and four nines of reliability
- Reduced pipeline runtime by 49% and increased reliability by 29%

Introduction to Computer Science Learning Assistant, Boston College **2023-2024**

- Ran study groups to help students work through problems, graded assignments, and wrote lab solutions

PROJECTS

Personal Website (johnsmith.com)

- Created a static React website hosted on Github Pages that contains Experience, About Me, and Resume pages
- Included responsive CSS styling, Material UI components, and photos

BC Buildings ([Github repository](#))

- Developed a Ruby on Rails app that allows students to see who is going to live in their dorm (and other dorms) the following school year
- Included photos of dorms, saved profile pictures, multiple SQL tables, and CSS styling

NHL Spread Model ([Github repository](#))

- Predicted NHL spreads with an accuracy of 53% using a neural network and 20+ model features

Web Server ([Github repository](#))

- Designed and wrote a functional web server in C using sockets and threading to handle concurrent requests
- Hosted a website that contains multiple web pages, links, and images

LANGUAGES AND INTERESTS

Languages: Proficient Spanish
Interests: Artificial Intelligence, Spanish Film, Skiing, Kayaking