

ABBOT TUBEINE

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Education

Sattler College

May 2027

Bachelor of Science in Computer Science and Cybersecurity, Dual Degree Program, **GPA: 3.92**

Boston, MA

- **Relevant Coursework:** Data Structures and Algorithms, Web Application Development, Computer Systems, Complexity and Computation, Network Systems and Security, Information Systems and Project Management.

Technical Skills and Certifications

Languages: Python, Vanilla Javascript, Typescript, C, Java, HTML/CSS, SQL

Frameworks/Libraries: React.js, Next.js, Node.js, Material UI, MongoDB, Blueprint, React Native

Developer Tools: Git, Docker, Expo, Google Cloud Platform, AWS, Azure, Android Studio, Figma

General Certifications: Software Architecture Foundations, Azure Fundamentals, Linux Unhatched (CISCO)

Professional Certifications: Practical Network Penetration Tester (PNPT), Google Professional Cybersecurity Certificate

Experience

Google LLC

May 2025 – August 2025

Software Engineer Intern

Mountain View, CA

AI4ALL Ignite

August 2024 – November 2024

AI Engineering Fellow

Remote

- Developed a supervised ML model using Neural Networks to improve early breast cancer detection, addressing diagnostic limitations in traditional mammograms and identifying complex, high-dimensional patterns.
- Implemented and compared ML models like XGBoost and Random Forest, evaluating performance with accuracy, precision, recall, and F1-score while mitigating algorithmic bias using a trusted dataset.

HeadStarter AI

July 2024 – August 2024

Software Engineer Fellow

Remote

- Built 5 AI apps and APIs using Next.js, OpenAI, Pinecone, StripeAPI that significantly streamlined the development process, improved efficiency, and enhanced the overall user engagement.
- Led a team of 4 engineering fellows in the end-to-end development of projects, utilizing the MVC design patterns that ensured the creation of scalable, maintainable codebases while adhering to best practices of agile methodologies.

Adam Networks

June 2024 – August 2024

Cybersecurity Penetration Tester

Ontario, Canada

- Conducted a comprehensive web application penetration test on Adam Networks' website, identifying security vulnerabilities following OWASP methodology and an OSINT analysis to identify data leaks and information exposures.
- Generated detailed reports outlining findings, recommendations, and mitigation strategies to enhance the company's cybersecurity posture and safeguard sensitive information against external threats.

Projects

BrainArds AI | Next.js, Typescript, OpenAI API, Stripe API, FirebaseDB | Demo

- Led a team to develop BrainArds AI, a SaaS app generating flashcards from text, files, and web links.
- Built a web scraping feature to extract content from URLs and convert it into AI-generated flashcards for learning.

Travel Wise App | React.js, Node.js, Tailwind CSS, PostgreSQL | Demo

- Built a dynamic city mapping app in React with an interactive map for intuitive navigation.
- Used component-based architecture and state management to improve scalability and maintainability.

Eidos Systems | Next.js, Typescript, Prisma/PostgreSQL | Demo

- Developing innovative solutions for education and healthcare to streamline data management in developing countries.
- Developing interactive, high-performance dashboards with a focus on usability and scalability.

Leadership / Extracurricular

C.O.D.E.R.S

Fall 2024 – Present

President

Sattler College

- Led weekly meetings and technical workshops, guiding computer science students through projects and industry trends.
- Facilitated networking and collaboration opportunities to support members' career growth and technical development.

Professional Development

NSBE

ColorStack

Brilliant Black Minds

CodePath

ACM

Faith Tech