Andy Deng

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EDUCATION

Boston College   Chestnut Hill, MA
Bachelor of Arts in Computer Science (GPA: 3.5)   *Aug. 2020 – May 2024*

TECHNICAL SKILLS

Languages: Python, Ruby, JavaScript/TypeScript, C, HTML, CSS, Java
Frameworks: React.js, Rails, Django, Next.js, GraphQL, Node.js
Tools: Git, Linux, RSpec, Playwright, D3.js
Databases: Redis, PostgreSQL, AWS MongoDB, AWS S3

EXPERIENCE

Full-Stack Software Engineer Intern   Aug. 2023 – Feb. 2024
Vanta   *Remote*
- Collaborated with a team of three senior engineers to contribute around **7000** lines of code to an online gaming platform
- Worked with a GraphQL backend using Ruby on Rails and a frontend using TypeScript and Next.js
- Implemented and used various third party APIs including Stripe, Cloudinary, GetStream, and SendGrid
- Wrote unit and end-to-end tests using RSpec and Playwright, achieving over **90%** test coverage on all code contributed

Student Software Engineer   Jan. 2023 – Dec. 2023
Boston College Department of Computer Science   *Chestnut Hill, MA*
- Worked directly with Professor Maira Samary to develop a TA-Professor matching system for Boston College
- Developed a Django/Python REST API to store and retrieve course applications and offers for 400 CS faculty and students
- Reduced the time to match TAs by **half** as compared to previous years

Software Engineer Intern   Jun. 2022 – Aug. 2022
Evera Corp.   *Hillsborough, NJ*
- Worked on an e-commerce platform for an independent clothing startup to showcase clothing items
- Collaborated with designers to create a user-friendly and visually appealing interface using React.js and Tailwind CSS
- Used Amazon S3 to store and retrieve clothing information

Information Technology Technician   Sep. 2022 – *Present*
Boston College   *Chestnut Hill, MA*
- Resolved around **400** IT support tickets involving a wide range of software and operating systems

PROJECTS

Portfolio | *HTML, Bootstrap CSS, GitHub Pages*   Nov. 2022 – *Present*
- For additional projects and information

Premier League Stats Checker | *React.js, Node.js, Git, MongoDB*   Feb. 2024 – Mar. 2024
- Developed a website that delivers Premier League scores and statistics, utilizing Node.js, MongoDB, and React.js for a smooth user experience
- Integrated the www.api-football.com API to provide real-time match data

Caching DNS Server | *Java Socket Programming, Git, DNS Protocols, dig*   Nov. 2023 – Dec. 2023
- Developed a Java-based Caching DNS Server utilizing Socket Programming and DNS Protocols
- Implemented recursive query handling for external names
- Managed DNS record caching with TTL adherence