

ANDY DENG

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SUMMARY

Computer Science senior at Boston College with hands-on experience in web application development through internships at Expedia Group and Vanta. Skilled in Python, JavaScript, Java, and Ruby among other technologies. Passionate about creating innovative software and user experiences.

EDUCATION

Boston College, *Morrissey College of Arts & Sciences, Chestnut Hill, MA*

Expected May 2024

- *B.A. in Computer Science (GPA: 3.5)*
- *Relevant Coursework:* Algorithms, Data Structures, Object-Oriented Design, Computer Systems, Web Development, Visualization, Software Engineering, Logic & Computation, Randomness & Computation, Computer Networks

TECHNICAL SKILLS

Computer Languages: Python, JavaScript, Ruby, Java, C++; **Tools:** Git, D3.js, Tableau; **Frameworks:** Django, Rails, React.js, Next.js, Bootstrap; **Databases:** SQL (MySQL, PostgreSQL), Firebase, RDS;

WORK EXPERIENCE

Vanta, *Software Engineer Intern, Remote*

August 2023 – Present

- Collaborating closely with the Director of Engineering to architect a web application that bridges esports teams across schools, facilitating competitive leagues and enabling coaches to connect with aspiring students
- Gaining hands-on experience using Ruby on Rails, Next.js, Git, and PostgreSQL

Expedia Group, *Software Development Engineer Intern, Austin, TX*

June 2023 – August 2023

- Collaborated in a team of 5 interns to redesign a travel recommendation algorithm, enhancing its ability to suggest personalized travel destinations using users' browsing history, preferences, and past bookings
- Deepened expertise in React.js, Kotlin, PostgreSQL, GraphQL, and Git with continuous guidance from a senior engineer and peer mentorship
- Contributed to agile development practices by actively participating in sprint planning, daily stand-ups, and retrospective meetings

Boston College IT Services, *Information Technology Consultant, Chestnut Hill, MA*

August 2022 – Present

- Supported network systems and addressed IT issues for clients and colleagues across different operating systems and software applications

PERSONAL & PROFESSIONAL PROJECTS

TA-Professor Matching System for Boston College, *Independent Study*

January 2023 – Present

- Collaborated in a dynamic five-member team to engineer a TA-Professor matching system for Boston College, enhancing the efficiency of TA recruitment for over **300** CS faculty members and students
- Coordinated with stakeholders and integrated their feedback into system design, implementation, and deployment
- Improved TA recruitment process efficiency by **40%**, resulting in reduced hiring time and increased satisfaction among faculty and students
- **Technologies Used:** Django, Bootstrap, JavaScript, HTML/CSS, PostgreSQL, Git, AWS (for bi-weekly deliverables), Boston College servers (for deployment)

Instagram Clone, *Independent Project*

March 2022 – April 2022

- Developed a social media platform inspired by Instagram, offering features such as posting photos, liking, commenting, and following users
- **Technologies Used:** React.js, Django, PostgreSQL, Tailwind, Heroku