ANDY DENG

Chestnut Hill, MA | 908.267.1668 | denga@bc.edu | **Personal Website:** https://1dengaroo.github.io/me/

SUMMARY

Recent Computer Science graduate from Boston College with hands-on experience in web application development and machine learning integration. Proven track record with internships at Vanta and Expedia Group. Skilled in Python, JavaScript, Java, and Ruby among other technologies. Passionate about optimizing user experiences and streamlining processes.

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, Kotlin, C++; *Tools:* Git, Tensorflow, 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
- Collaborated closely with the Director of Engineering to architect a web application that bridges esports teams across schools, facilitating competitions and enabling coaches to connect with aspiring students
- Deepened expertise in Next.js, Ruby on Rails, PostgreSQL, Git with continuous guidance from peers and mentors
- Seamlessly integrated various third-party APIs, including Riot Games and Twitter, to enhance the platform's functionality and user experience

Expedia Group, *Software Development Engineer Intern, Austin, TX*   June 2023 – August 2023
- Collaborated in a team of 5 interns to overhaul the travel recommendation engine, 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
- Integrated machine learning algorithms into the recommendation system, amplifying its accuracy and offering deeper insights into user behavior and preferences

Boston College IT Services, *Information Technology Consultant, Chestnut Hill, MA*   August 2022 – Present
- Provided network support and resolved IT issues across various operating systems for clients and colleagues

PERSONAL & PROFESSIONAL PROJECTS

TA-Professor Matching System for Boston College, *Independent Study*   January 2023 – Present
- Collaborated in a dynamic four-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
- **Technologies Used**: React.js, Django, PostgreSQL, Tailwind, Heroku