

Andy Deng

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Personal Website: <https://1dengaroo.github.io/me/>

EDUCATION

Boston College

Expected May 2024

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

SKILLS

Languages: Python, JavaScript, C++ Java, OCaml; **Frameworks:** Django, NodeJS, React, Tailwind, Bootstrap;

Databases: SQL (PostgreSQL, MySQL), Firebase, AWS; **Tools:** D3, Git, Tableau;

PROJECTS

TA-Professor Matching System for Boston College

- Collaborated with a dynamic three-member team to engineer a TA-Professor matching system for Boston College, enhancing the efficiency of TA recruitment for over **1,000** 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, Boston College servers (for deployment)

Full-Stack OpenAI API Demo (<https://oa-demo.herokuapp.com/>)

- Designed and implemented an end-to-end full-stack web application showcasing the functionality of OpenAI's GPT-3 model.
- Created a front-end interface using React and TypeScript to provide users with an easy-to-use platform to interact with the API, implementing features like real-time response display and custom query input.
- **Technologies Used:** React, TypeScript, HTML/CSS, Flask, Tailwind, Heroku, Git

Instagram Replica

- Engineered a visually appealing front-end Instagram replica using React
- Integrated React Router for seamless navigation across the application, and leveraged Firebase to securely store and manage user data
- **Technologies Used:** React, JavaScript, HTML/CSS, Firebase, React Router, GitHub Pages

EXPERIENCE

Boston College IT Services

Information Technology and Services Consultant

August 2022 - Present

- Assisted clients in seamless installation and configuration of various Boston College networks and applications
- Diagnosed and resolved a wide range of technical issues across Windows, MacOS, and Linux operating systems, ensuring efficient system performance and client satisfaction
- Fostered collaboration and teamwork while working with diverse clients and colleagues

Vanta Leagues

Rocket League Instructor

November 2020 – January 2022

- Mentored 8-14 year-olds in esports, fostering competitive, team-oriented growth while collaborating with institutions to enhance leadership, communication, and personal/professional development.