Andy Deng

8 Bush Rd. • Hillsborough, NJ 08844

denga@bc.edu • 908.267.1668

Motivated and results-driven computer science student with a strong foundation in software engineering, web development, and problem-solving skills. Adept at working effectively in fast-paced, deadline-driven settings that demand strong organizational and analytical skills and committed to fostering a collaborative and positive atmosphere in team-based projects. Seeking a software engineering internship to apply and further develop these skills.

EDUCATION

Boston College   *Expected May 2024*

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

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 customer satisfaction
- Fostered collaboration and teamwork while working with diverse clients and colleagues, effectively addressing their unique needs and expectations

Vanta Leagues

Rocket League Instructor   *November 2020 – January 2022*

- Mentored and trained students aged 8-14 through 3 weekly sessions and 1-2 weekly matches against other Vanta coaches and teams, fostering a competitive environment
- Cultivated a positive, team-oriented coaching approach emphasizing maturity, collaboration, and character growth through esports participation
- Partnered with educational institutions and gaming organizations to equip aspiring gamers with essential leadership and communication skills for personal and professional development

SKILLS

Proficient: Python, JavaScript/TypeScript, HTML/CSS, React, Java (object-oriented programming), Tailwind, D3.js, Django (Python), Node.js, SQL

Familiar: C/C++, React Native, OCaml, Swift, Flask, Bootstrap (CSS), Firestore, Git, Tableau

PROJECTS

Full-Stack OpenAI API Demo: https://oa-demo.herokuapp.com/

  - Designed and implemented a comprehensive full-stack web application utilizing React, TypeScript, Tailwind CSS, and Flask
  - Engineered a robust back-end using Flask, creating a REST API that seamlessly manages requests to the OpenAI API
  - Crafted a responsive, dynamic user interface employing Tailwind CSS for an optimized and engaging user experience
  - Acquired proficiency in cutting-edge web development technologies, enhancing versatility and adaptability in software engineering

Instagram Replica

  - Engineered a visually appealing front-end Instagram replica utilizing React, JavaScript, and HTML/CSS
  - Integrated React Router for seamless navigation across the application, and leveraged Firestore to securely store and manage user data in a remote database

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

ADDITIONAL INFORMATION & ACHIEVEMENTS

  - **SAT Score:** 1480 (Math: **800**, Evidenced-Based Reading & Writing: **680**)
  - **Languages:** English, Mandarin
  - **Personal Interests:** Avid reader, traveler, & runner
  - **Clubs & Organizations:** Chinese Students Association, Esports Club, Club Running