

Jack Roberts

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Objective

Internship position in full-stack software development at Google. I aim to be a part of Google's Quantum Computing and/or A.I division. There is amazing work being done there and I strive to contribute.

Experience

Bachelor of Science in Computer Science, University of South Florida, Tampa, FL
Overall GPA: 3.6 / 4.0 Major GPA: 3.45 / 4.0

August 2019 - May 2023

Key specialized courses: Software Engineering, Software Systems Design, Automata Theory, and Data Structures.

Skills

Platforms: Personal Computers
Operating Systems: Windows 10/11 and Linux (WSL)
Languages: C/C++, HTML5, CSS, JavaScript, TypeScript, Java, and Python
Databases: SQL and Cockroach DB
Libraries: Mantine UI and Bootstrap
Packages: Node.js, Docker, and Prisma
Other: REST APIs and React.js

Key Projects

Zoo Database In C

Fall semester 2020

- As a part of a student project, developed a program for a zoo that would allow users to make changes to the animal registry and log changes to it using keywords such as birth, death, transfer-in, transfer-out, and relocations.
- Programmed the user interface and data management in C using nodes and linked lists (over 500 lines of code).
- This project utilized C language: header files, make files, and multiple files for function logic.

Experience

CAE USA, Tampa, FL

June 2022 to Present

- Interned to contribute on a SCRUM based team to build UI/UX components for customer usage.
 - Developing dynamic front end web applications (e.g., React and TypeScript).
- Developer packages include: React.js, TypeScript, Docker, GitHub, Mantine UI, Miro, APIs, and Agile.

Web Development program as part of USF Global Tech Experience

January 2022 to May 2022

- Interned to learn how to use industry-standard practices in UI/UX design.
 - Built mobile and web experiences (e.g., HTML, CSS, and Bootstrap).
 - Developing dynamic front end web applications (e.g., JavaScript and APIs).
- Received 2 certifications for "HTML, CSS, and Bootstrap" and for "JavaScript and Web Development."

Affiliations and Leadership

- Society of Competitive Programmers (Vice-President for Fall semester 2022) January 2022 to Present
- ACM (Association for Computing Machinery) February 2022 to Present

Honors and Awards

- Bright Futures Medallion Scholarship June 2019 to Present
- Bronze medal in the International Collegiate Programming Contest (ICPC), Division 2 February 2022
- Certification in HTML, CSS, and Bootstrap May 2022
- Certification in JavaScript and REST APIs May 2022