Darryl D. Brooks II

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EDUCATION

Florida Agricultural & Mechanical University
Bachelor of Science in Computer Engineering   Spring 2021

GPA 3.4/4.0

SOFTWARE SKILLS

- C++
- C
- Python
- Java
- JavaScript
- HTML
- CSS
- NodeJS
- Firebase
- C#
- Linux
- ReactJS
- ASP.NET
- Visual Studio
- Git
- SQL

EXPERIENCE

Google Tech Exchange | Scholar   *Sunnyvale, CA*   January-May 2020
- Collaborated in a team of 4+ developing a web application managed with Git.
- Learned advanced applied data structures and algorithms by Googlers.
- Taught Machine Learning models and concepts by Googlers.

Syn-Tech Systems Inc | Software Engineer Intern   *Tallahassee, FL*   August-December 2019
- Utilized company's web framework to develop a mock pre-existing system.
- Automated customer data import validation to pre-existing system.
- Handled SQL Database for correct mock customer information.

GE Appliances | Electrical Engineering Co-Op   *Louisville, Ky*   May-August 2019
- Fabricated and debugged 50+ production level circuit boards.
- Investigated failed production units to formulate engineered report.
- Improved testing of failed production units.

Syn-Tech Systems Inc. | Software Engineer Intern   *Tallahassee, FL*   February-May 2019
- Collected, compiled, and organized JIRA tickets using a REST API.
- Pioneered a companywide local website that organized JIRA tickets.
- Collaborated with senior architects in the development of various user interfaces.

SOFTWARE PROJECTS

Google Techbook
- Developed a social media platform for other Google scholars.
- Wrote efficient and scalable code for 100+ clients.
- Worked in a team of 4 using an agile software development approach.
- **Utilized:** Git, ReactJS, Firebase, and Figma

Spades Card Game
- Designed an enjoyable playing card game that accommodates human error.
- Used Object-oriented programming to structure and relate intricate code.
- Coded a high-level logic to simulate a human's card playing choice.
- **Utilized:** C++ and Linux

JIRA Ticket Hub
- Incorporated multiple programming languages to develop a secure website.
- Using knowledge of data structures managed 500+ tickets efficiently with minimal bugs.
- Designed website to make the UX optimal.
- **Utilized:** Python, Django, REST API, JavaScript, and HTML/CSS

ORGANIZATIONS

National Society of Black Engineers   2016-Present
General Body Member

Theta Tau Professional Engineering Fraternity Inc   2018-Present
Web Development Chair | Fall 2018

Institute of Electrical and Electronics Engineers   2018-Present
General Body Member