

Kodé Williams

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PROFESSIONAL EXPERIENCE

Microsoft — Software Engineering Intern (May 2019—August 2019)

- ❑ Increased performance of loading large data collections in Windows Mail and Calendar by more than 200% by implementing data virtualization, in addition to lazy loading.
- ❑ Created a test application with React Native for loading inbox conversations to benchmark and unit test the new loading algorithm.

Google — Engineering Practicum Intern (May 2018—August 2018)

- ❑ Launched a new open-source LLVM Compiler Runtime feature that improved overall code coverage of the popular automated testing engine LibFuzzer by 6%.
- ❑ This was achieved by tracking billions of mutations of random data and intelligently choosing better performing mutations that explored more coverage possibilities.

Google — Engineering Practicum Intern (May 2017—August 2017)

- ❑ Launched a new implementation for parsing user lyrics queries and partnered with cross-functional team on creating of dynamic song lyrics UI, improving accuracy by 95% and readability for millions of users daily.

Howard University — Teaching Assistant (August 2017—December 2017)

- ❑ Tutored a class of over 100 Computer Science students in programming concepts over the course of one semester.
- ❑ This resulted in over 30% of the class securing internships at Google, Facebook, Microsoft and Twitter, among other leading companies in the field.

Jamaica Money Market Brokers — Web Development Intern (May—August 2015, 2016)

- ❑ Created a RESTful API using PHP Laravel 4.1 and PostgreSQL to support the creation of a new interactive rewards banking mobile application that increased customer engagement.

EDUCATION

Google — Tech Exchange Scholar (May 2018—May 2019)

- ❑ Completed 11 Computer Science courses taught by expert Google engineers in an immersive environment at the Googleplex.
- ❑ GPA of 3.85 in courses mentioned above.

Howard University — BS. Computer Science (Expected June 2020)

- ❑ Awarded full scholarship for undergraduate studies
- ❑ Major GPA of 3.8/4.0 in College of Engineering.
- ❑ Cumulative GPA of 3.56/4.0.
- ❑ Became a member of Tau Beta Pi, the most elite Engineering Honor Society.

Extracurriculars

- ❑ Caribbean Students Association (President 2019-20)
- ❑ Men's Lacrosse Team (Midfielder 2016-17)
- ❑ National Society of Black Engineers (Member 2016-2020)
- ❑ Association of Computing Machinery (Member 2017-2020)

TECHNICAL SKILLS

Languages

- ❑ C/C++ (5 years)
- ❑ HTML/CSS/JavaScript (5 years)
- ❑ Python (3 years)
- ❑ Java (2 years)

Frameworks

Angular, NodeJS, ReactJS, React Native, PHP
Laravel, Bootstrap, GTest.

Relevant Coursework

- ❑ Machine Learning
- ❑ Software Engineering
- ❑ Database Management
- ❑ Theory of Computation
- ❑ Computer Organization I/II
- ❑ Fundamentals of Algorithms
- ❑ Object-Oriented Programming
- ❑ Mobile App Development
- ❑ Artificial Intelligence
- ❑ Cloud Computing

AWARDS

- ❑ Placed in the top five at Google DC Hack (2016)
- ❑ Won hackathon with application called Koopan at Coders of the Caribbean.

PERSONAL INTERESTS

- ❑ UI/UX Design
- ❑ Peer Mentorship
- ❑ Skateboarding
- ❑ Photography
- ❑ Cinematography