Matthew J. Boris

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EDUCATION

The University of Michigan – Ann Arbor, MI   2014 – 2019 (Expected)

Bachelor of Science in Engineering – Computer Engineering

- Data Structures & Algorithms, Computer Organization, Operating Systems, Embedded Systems

Adlai E. Stevenson High School – Livonia, MI   2010 – 2014

- Graduated 2014 with a 4.2 GPA and awarded most outstanding male of graduating class based on citizenship, academics, community service, and school involvement.

EXPERIENCE

Capital One – Richmond, VA   June 2018 – August 2018

Software Engineering Intern (Full-Stack)

- Aided in the development of a backend server written in Go
- Developed APIs for client-side application
- ETL on data sources into a relational database
- Frontend work in AngularJS
- Automated data source updates

iRule – Detroit, MI   May 2016 – August 2017

Software Engineering Intern

- Developed and executed automation scripts for building and testing code.
- Wrote well-designed, testable, and efficient functions.
- Managed databases, virtual servers, web domains, and build processes.
- Identified, recorded, and thoroughly documented bugs.
- Thoroughly tested app once bugs were resolved.
- Created well-structured test plans and test cases.

Smart Room Project

- Winner of Makeathon 2016 sponsored by The University of Michigan. Our team of four competed in the health and wellness division and designed a fully functioning smart room to help minimize human fatigue.

Alexa Good News Skill

- Team developed an Alexa skill that used IBM's sentiment analysis to share only the good news in the world

SKILLS AND QUALIFICATIONS

Technical Experience

- Languages: C/C++, JavaScript, Python, SQL, TypeScript, Java, HTML, CSS
- Operating Systems: Windows (7, 8, 10), Linux (Arch, Ubuntu, Kali), Mac (OS X)
- Development Tools: Angular, AWS, Git, Heroku, npm, yarn, Jenkins, Jira
- Script Languages: UNIX shell (bash, zsh)
- Software: Visual Studio, Android Studio, Xcode, Microsoft Office Suite

Side Projects

- Facebook Messenger Bot: Fundamental bot with straightforward responses
- Android and Android Wear: Minimalistic apps both written in Kotlin
- Internet Speedtest: Scripts to periodically check your internet speed
- Amazon Alexa: Developed a skill that is all about me

ORGANIZATIONS

Triangle Fraternity: Engineers, Architects, and Scientists – Ann Arbor, MI   2014 – Present