MATTHEW J. BORIS

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OBJECTIVE

To secure a summer internship in the field of Computer Engineering that will allow me to gain more workplace experience to broaden my knowledge and improve my teamwork and communication skills.

EDUCATION

The University of Michigan – Ann Arbor   2014 – 2018 (Expected)
Bachelor of Science and Engineering – Computer Engineering
- Programming & Data Structures, Discrete Math, Logic Design, Electronic Circuits, Calculus 1 - 4

Adlai E. Stevenson High School – Livonia
- 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

iRule   Detroit, MI
Software Engineering Intern   May 2016 – Present
- Developed and executed automation scripts for building and testing code.
- Wrote well-designed, testable, and efficient functions.
- 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.

Content-Aware Image Resizing
- Wrote a C++ algorithm that analyzes an image and removes the least important vertical and horizontal seams. This process keeps the original focus of the image intact while decreasing the image size. This method is superior to other common image resizing methods such as cropping or scaling as it will not eliminate portions of or distort the original image.

Vice President – Finance, Triangle Fraternity
- Manage the accounts payable, collections, and fundraising efforts of a 70-member fraternity. Ascertain that expenditures adhere to monthly budgets.

SKILLS AND QUALIFICATIONS

Technical Experience
- Programming Languages: C++, Typescript, JavaScript, Java, CSS, HTML, Python
- Operating Systems: Windows (7, 8, 10), Linux (Ubuntu, Kali, Red Hat), Mac (OS X)
- Script Languages: UNIX shell (bash, zsh)
- Software: Visual Studio, Quartus II, LabView, Excel, Word, PowerPoint, Outlook

General
- Strong written and verbal communication skills
- Excellent time management skills
- Able to work independently with minimal supervision
- Flexible – very comfortable working alone, part of a large group, or in a smaller team
- Extraordinary levels of dedication towards projects and overall goals
- Able to foster great relationships between diverse groups of people

ORGANIZATIONS

2014 – Present
Triangle Fraternity – Engineers, Architects, and Scientists