

OBJECTIVE

Enthusiastic undergraduate student at the University of Maryland in the Bachelor of Science in Computer Science program. Currently seeking to apply my experience at a summer internship position. I believe I can learn a great amount as an intern and I hope to apply what I have learned in my degree program to help contribute to the projects.

SKILLS

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|---------|----------|----------------------|------------------------|
| • JAVA | • Prolog | • Ruby | • Context Free Grammar |
| • OCaml | • C | • Regular Expression | • Computer Security |

TECHNICAL PROJECTS

Graph Music (Spring 2016 Bit Camp hackathon)

- Created application in Java by using Yahoo's finance API. It takes in data from a chosen finance company and make music according to the data.

Computer Security (Fall 2016 Organization of Programming Languages)

- Reverse engineered existing code to detect security vulnerabilities such as buffer overflows, SQL injections, and command injections. Learned how to solve vulnerabilities through input rejection and sanitization

C Parser (Fall 2016 Organization of Programming Languages)

- Developed a programming language compiler with OCaml.

Maze Solver (Fall 2016 Organization of Programming Languages)

- Implemented functions in prolog in order to solve a maze problem

Wordnet (Fall 2016 Organization of Programming Languages)

- Implement a acyclic graph in Ruby to create a English language database, that can find relationship between words.

TEAMWORK EXPERIENCE

Bit Camp Hackathon**Spring 2016 College Park, MD**

- Delegate task for each member.
- Created the overall design and drivers.
- Implemented the backend calculation for the project.

UMD Badminton Club**Fall 2015 - Present College Park, MD**

- Mentored teammates and oversaw specific practices in order to help training partners and teammates improve their techniques and game strategies.
- Created and established rapport with teammates in order to develop team camaraderie.
- Organized and lead team meetings to ensure game courts were properly set up to support matches

EDUCATION

University Of Maryland**College Park, MD***Bachelor of Science in Computer Science*

Expected Dec. 2018 (Current Junior)

Relevant Coursework: Algorithms, Organization of Programming, Introduction to Computer Systems, Discrete Structures, Languages Object-Oriented Programming