Dale Mallette

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Objective

Seeking software engineering internship for summer 2017 to improve my programming skills, contribute to a dedicated team, and learn more about software design and efficiency.

EDUCATION

University of Michigan – Ann Arbor, MI   April 2018
Bachelor of Science in Computer Science   **GPA: 3.58/4.00**
Relevant Course Work:

- EECS 281: Algorithms and Data Structures
- EECS 370: Introduction to Computer Organization
- EECS 376: Fundamentals of Computer Science (Currently Enrolled)
- EECS 484: Database Management Systems (Currently Enrolled)
- STATS 250: Introduction to Statistics and Data Analysis (Currently Enrolled)

EXPERIENCE

University of Michigan, Michigan Research Community   Ann Arbor, MI
Program Resident Advisor   September 2014-Present

- Promote community, education, diversity, and social justice within our program and residence hall
- Provide active and engaged support for students transitioning to college
- Plan and facilitate social, and educational programs for first-year students

Peer Mentor

- Supported and fostered positive college transitions of four first-year students
- Assessed community interests and worked as part of a team to plan and facilitate events

University of Michigan, Department of Radiology   Ann Arbor, MI
Research Assistant   September 2014-September 2015

- Worked to improve the synthesis of $[^{18}F]$ N-Methyl Lansoprazole under asst. professor Dr. Peter Scott
- Independently carried out synthesis reactions to create molecules to be used for investigative experiments looking at the binding functionality of potential radiotracers for Alzheimer's disease
- Contributed to a published fluorine-18 patent review

Personal Projects

Connect Four (C++)

- Text based version of Connect Four played from the terminal
- Supports standard and custom play between two human players
- Computer Opponents *(in progress)*

Rate My Professor Web Scrapper (Python)

- Get's available information about University of Michigan professors that match the name given by the user
- Makes use of 'requests' and 'BeautifulSoup4' libraries

Programming

Proficient: C++, X-Code,
Familiar: C, SQL, HTML, CSS, Git
Learning: Java, Swift, Django, Python

Honors

Eta Kappa Nu *(Electrical Engineering and Computer Science Honor Society)*   Fall 2016-Present

- Active Member