

Matthew Ess

Dedicated developer looking for an internship.

Campus - 527 N. Grant St.
Home - 3026 Greenbrier Ave.
West Lafayette, IN 47906
(765) 427 - 3763
mess@purdue.edu

EDUCATION

Purdue University, West Lafayette, IN
B.S. in Computer Science, Minors in Political Science and Psychology
Expected May 2018
4.0 GPA

Central Catholic Senior High School, Lafayette, IN
Academic Honors Diploma
June 2014
4.0 GPA

EXPERIENCE

CS Undergrad Student Board Member, Purdue
April 2015 - Present
Leading initiatives to foster diversity within the Department and improve the lives of students. Formerly organized Help Room for first year programming classes.

CS180 Undergraduate Teaching Assistant, Purdue
January 2015 - Present
Led lab sessions for students working on Java coding assignments. Developed and implemented solutions and automated test cases for student projects.

PROJECTS

Mango — *CS307 Software Engineering (2016)*
Developed frontend AngularJS views and controllers for a course management software suite, meant to combine the functionalities of Blackboard, iClicker, and Piazza.

Shell — *CS252 Systems Programming (2016)*
Implemented an interactive shell/script interpreter in C++ built around yacc and lex. Featured job control, wildcarding, subshell expansion, and command history.

Lock, Stock, and Pebble — *Boilermake (2014)*
Developed a Pebble application as part of a hackathon. Utilized node.js to fetch stock market data via Bloomberg API.

SKILLS

C, Unix programming
Java, JUnit Testing, OOP, Reflection
Data Structures and Algorithms
Source Control, git
Microsoft Windows, OSX, Linux
Leadership and Communication
Familiar with C++, HTML, CSS, Node.js, AngularJS, Ruby, Rails

AWARDS

Presidential Scholarship
Awarded to incoming Purdue freshmen who demonstrate high academic achievement, leadership, and service in the community

Dean's List & Honors
3 consecutive semesters at a 4.0 GPA overall.

Boeing Corporate Scholarship
Awarded to a student nominated by a Purdue CS faculty or staff member for high academic achievement and standing