

James Roberts

(973) 997-7661

<https://www.linkedin.com/in/jproberts1012/>

jamesproberts1012@gmail.com

Education

Johns Hopkins University

Baltimore, MD

B.S. Computer Engineering Major

Expected Fall '19

Relevant Coursework:

3.92 GPA

- Operating Systems, CAD of Digital VLSI, Microprocessor Lab I, Computer Architecture

Experience

Intermediate Programming Head Teaching Assistant

Baltimore, MD

Johns Hopkins University

June-July '18

- Developed automated tests in Python for weekly student assignments
- Maintained a Docker image deployed remotely for the automatic grading framework
- Led review sessions with over 75% attendance for midterm and final exams
- Continued duties as sole Course Assistant for all 18 students during the session

Electrical Engineering Teaching Assistant

Carlisle, PA

Johns Hopkins Center for Talented Youth

July-August '18

- Mentored 18 middle school students in designing, simulating and building analog circuits
- Developed and taught two lectures on the fundamentals of digital systems
- Evaluated student performance for the instructor's final report to parents

Intermediate Programming Course Assistant

Baltimore, MD

Johns Hopkins University

Jan-May '18

- Guided 154 students through the basics of C/C++, UNIX and Git within a team of 14 CAs
- Debugged student assignments weekly
- Taught development tools such as make, gdb and valgrind

Projects

HopHacks Fall '18

Baltimore, MD

- Experimented with proximity-based group recommendations for Spotify using Flutter