

Avery Whitaker

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EDUCATION

- 2019 *Rice University* - Houston, TX
- Bachelors in Science in Computer Science
 - Bachelors of Arts in Mathematics
 - Certificate of Engineering Leadership
- 2013 Certificate in C++ Programing, *Washtenaw Community College* – Ann Arbor, MI

WORK EXPERIENCE

- Summer 2016 Software Development Intern, *Amazon/Audible* (Team: Amazon English Services) – Jersey City, NJ
- Implemented full stack web toolset saving Amazon team 8-10 hours weekly.
 - Designed scalable web application and datastore, following Amazon's formal design review process.
 - Interfaced with several complex internal services and databases with sub 20 ms latency.
 - Developed tests for web application, maintaining over 80% code coverage.
- Summer 2015 Instructor, *Digital Media Academy* - Ann Arbor, MI
- Instructed course on game design, supervised teaching assistant.
- Summer 2012 - 2014 Assistant manager, *Hill and Brown LLC (Property Management)* – Ann Arbor, MI
- Coordinate repair projects with contractors; Met with inspectors to insure property compliance.

TEACHING EXPERIENCE

- August 2016 - Present Student Instructor, *Interviews, Internships and More*
- Taught class of 11 students in career related interpersonal communication skills.
 - Responsible for the awarding of college credit to students.
- August 2016 - Present Teaching Assistant, *Rice University Computer Science Department*
- Assisted students in class with course material.

LEADERSHIP EXPERIENCE

- August 2016 - Present Committee Chair, *Hanszen College*
- *HanszenHackers Committee*; Founded committee involved in STEM outreach and hosting a hackathon.
 - *Permanent Improvements Committee*; Oversaw facility improvements using \$10,000 budget.
 - *Bike Race Committee*: Organized weeklong event involving over 300 students.
- August 2016 - Present Student Leader (2016), *ACM International Collegiate Programming Contest*
- Organized and led weekly training sessions; Coordinated with faculty on competition logistics
 - Competed in programing contest using advanced data structures and algorithms
 - Collaborated with teammates to solve problems under intense pressure.

SKILLS

- Programming languages: Java, Python, Bash, HTML/JavaScript
- Experience in Enterprise Java development; Dependency injection, Unit testing, Spring MVC
- Proficient in EAGLE CAD, PCB CNC, and rapid prototyping of electronics.
- Eagle Scout