

Ankit Shah

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EDUCATION

University of Michigan

BSE in Computer Science

GPA: 3.94

Relevant Coursework: Operating Systems, Intro to Autonomous Robotics, Linear Algebra

Ann Arbor, MI

December 2017 (expected)

EXPERIENCE

Google

San Bruno, CA

Software Engineering Intern

May 2016 - August 2016

- Modified promotion delivery in the YouTube Music app, allowing for improved tracking and modularity
- Demonstrated initiative and innovation by proposing and designing a feature to increase user engagement across platforms
- Accumulated experience in effectively navigating and contributing to an enormous, constantly changing, codebase through usage of version control and other various tools

Michigan Hackers

Ann Arbor, MI

Developer

January 2015 - Present

- Utilized the Google Maps API for Android in order to build an app that shows the location of University of Michigan buses
- Developed challenges and coordinated logistics for two collegiate security “Capture the Flag” competitions
- Refined Android development skills through development of multiple features for the MHacks Android app

Hearsay Social

San Francisco, CA

Software Engineering Intern

May 2015 - August 2015

- Improved the speed and robustness of large report generation through the utilization of parallelized workers
- Allowed reports to be delivered in Excel and zip formats by adapting multiple Python libraries to fit needs
- Gained familiarity with Agile and test-driven development philosophies

UM::Autonomy

Ann Arbor, MI

Developer

September 2014 - April 2015

- Designed a Python script that allowed a boat to autonomously detect buoys emitting a high frequency sound
- Accumulated knowledge in integration of audio hardware and software subsystems through utilization of an external sound card and a Raspberry Pi

PROJECTS

MHacks

Summer 2016 (ongoing)

- Gained full-stack development experience by building out multiple features for the MHacks mobile and web applications, including a feature that paired hackers who asked for help with predetermined mentors

See Saw Stars

Winter 2015

- Built a Python game that provides emotional therapy to individuals affected by Autism Spectrum Disorders

COMPUTER SKILLS

Languages (in order of proficiency): C++, Python, Java

Applications: Proficient in GitHub, PyCharm/CLion/Android Studio, and Adobe Photoshop

AWARDS/HONORS

College of Engineering Dean’s Honor List

Fall 2014 & 2015, Winter 2015 & 2016