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JAKE GOLDMAN

EDUCATION

University of Pennsylvania Philadelphia, PA
The Jerome Fisher Program in Management and Technology, Expected Graduation May 2020
School of Engineering and Applied Science: Candidate for B.S. in Engineering in Computer Science
The Wharton School: Candidate for B.S. in Economics with Concentration in Business Analytics
Cumulative GPA: 3.88/4.00
Activities: Wharton Council Committee Chair, City Step Member.

EXPERIENCE

Bridgewater — Software Engineer Westport, CT
JUNE 2019 - AUGUST 2019
- Worked on improving the Research Technology build system within the Engineering Productivity team.
- Converted all of Research Technology's end-to-end test suite from being compiled and packaged by SBT to Bazel. Resulted in the adoption of a universal build tool, reducing the suite build and test time by 35%.
- Transformed test reports into an interactive webpage, allowing engineers to develop and debug more efficiently.
- Built a smoke test for the DSL team in Research Technology. Reduced development wait-time from 2 hours to 30 mins.
- Used Bazel, Python, HTML/CSS, Scala, Gerrit, Buildbot, SBT, Pants, Bloop.

Axonius — Software Engineer Tel Aviv, Israel
JUNE 2018 - DECEMBER 2018
- Built and shipped backend features for several multinational companies.
- Features include integrative support for Dropbox Business, Cisco Advanced Malware Protection (AMP), Solarwinds Network Performance Manager, Fresh Service and Bomgar Remote Support technologies
- Implemented REST protocol and authorization procedures to correlate device-specific data from external software.
- Researched and built over 100 of the top queries for Axonius' clients to visualize greater insights of their device network.
- Identified new software to integrate. Resulted with the Cisco AMP feature, increasing relative market coverage by 11%.
- Used Python, MongoDB, MySQL, JavaScript, Git, AWS, and Docker.

Management and Technology Summer Accelerator — Residential Teaching Assistant Philadelphia, PA
JULY 2017
- Advised the development of a computer vision system that reads license plates and references a list of handicap drivers.
- Guided the implementation of an ultrasonic range finder that alerts bicyclists of nearby vehicles.
- Mentored two teams of five students that collectively won awards for Best Product, Best Prototype and Director's Choice.

PROJECTS

Bunker Golf — React Native, Redux, Python, Flask, MongoDB, Heroku
- Enables golfers to rent their golf clubs to individuals in a similar geographic area.
- Supports the ability to log in, make an account, upload clubs for rental, and locate clubs in a 5-mile radius of a zip code.
- Visit the landing page at: join-bunker.co

Abode — ReactJS, Python, Flask, SQL, Leaflet, AWS
- Organizes and correlates residential data to systematically recommend optimal places to live and work in the US.
- Allows for searches based on housing, employment, poverty, crime, and education data at a variety of geographical levels.

IntelliCane — Arduino, C++
- Smart cane detects objects at the waist level for visually impaired people.
- Integrates Twilio to simulate a life-alert messaging system if the cane drops at certain accelerations.
- Watch a demo at: vimeo.com/292049434

Banter — Figma
- Enables individuals in friend groups to make prop bet polls within the group.
- In a prototyping stage.

SKILLS

Technical: Python, Java, React Native, Redux, Bazel, Scala, MongoDB, SQL, HTML/CSS, Git, Gerrit, AWS, Heroku.
Design: Photoshop, Figma, Adobe XD.