

Medhavi Gandhi

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EDUCATION

Cornell University College of Engineering, Ithaca NY

2016-2020

Major: Operations Research and Information Engineering

Courses: Object Oriented Programming & Data Structures, Linear Algebra, Industrial Systems & Data Analysis, Intro to Python, Engineering Statistics 1 & 2, Optimization, Intro to iOS development, Digital Product Design, Server-side Web Design

EXPERIENCE

- **FlashStarts Accelerator** Cleveland, OH
Software Developer Intern May 2018-Aug 2018
 - Implemented social media sharing and following features, helped code a points system, and re-designed the profile UI for Ossemble (all using Ruby on Rails).
 - Helped create a relational database using MySQL and connected it to the Betaland website using Ruby on Rails.
 - Implemented an expert system for a patent-filing program using PyKnow for Seventh.ai
 - Redesigned the website for Ghostwave inc. using HTML/CSS/Javascript and deployed it on AWS.
- **Cornell Institute for Public Affairs** Ithaca, NY
Webmaster May 2018-Present
 - Maintain and update the website using Drupal and custom CSS, improving UX and accessibility
- **The Coding School** Remote
Teacher May 2018-Present
 - **Curriculum:** Helped create the curriculum for the Web Design (HTML/CSS) module for the Coding School, which helps children from underrepresented groups get more involved in technology
 - **Teacher:** Teach the Intro to Python class to three students and create projects for them to implement
- **AguaClara Group** Ithaca, NY
FLOC App Subteam Lead Jan 2018-Present
 - **FLOC App:** Code the the FLOC App- an open-source Python program that analyzes images to count and measure the size of particles left over after Flocculation (Using OpenCV)
 - **Subteam Lead:** Organize weekly meetings, provide mentorship and help out with sustainability events for the team
- **Engineers for a Sustainable World at Cornell** Ithaca, NY
Bioenergy Implementation Team Jun 2017-May 2018
 - Conduct data analysis and visualization to help companies around Ithaca switch to biofuels.

SKILLS

- **Languages:** Java, Python, HTML/CSS, Swift, SQL, Ruby on Rails, Javascript, R, LaTeX.
- **Programs:** Git, Github, OpenCV, AWS, Eclipse, XCode, Photoshop, InDesign, QGIS, Sketch, Invision, MS Office.

OTHER ACHIEVEMENTS/PROJECTS

- **John Jaquette Scholarship:** Received the 2018 award and funding for women with entrepreneurial interests.
- **Health Hackathon at Cornell:** Atropos- a Java program and interactive GUI that optimizes hospital appointment scheduling (Finalist).
- **SpotifyTrends:** Created an iOS app in Swift that uses the Spotify API to display user's listening trends and preferences.
- **Cornell Daily Sun:** Design one issue of the newspaper every week as part of the Production department.