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, 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.