Medhavi Gandhi

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EDUCATION

Cornell University College of Engineering, Ithaca NY August 2016- May 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, Communication and Technology.

EXPERIENCE

- **FlashStarts Accelerator** Cleveland, OH
  Developer Intern *May 2018 - August 2018*
  - **Ossemble**: Implemented the social media sharing and following features in Ruby and Rails, and also re-designed their profile UI
  - **Ghostwave**: Redesigned the website from scratch, using HTML/CSS/JavaScript, and deployed it on AWS.
  - **Betaland**: Helped create a MySQL database and connected it to the Betaland website with Ruby on Rails.
  - **Adminix**: Wrote Markdown documentation to explain the command-line setup and usage, making the IoT application understandable to users.
- **The Coding School** Remote
  Web Development Teacher *May 2018-Present*
  - **Curriculum**: Helped create the curriculum for the Web Design module for the Coding School, which helps children from underrepresented groups get more involved in technology
  - **Teacher**: Teach units 1 and 2 (HTML/CSS and design) of the Coding School's Web Design course.
- **AguaClara Group** Ithaca, NY
  FLOC App Developer *Jan 2018-Present*
  - **FLOC App**: Help code the the FLOC App- an open-source Python-based application that analyzes images to count and measure the size of particles left over after Flocculation.
  - **General Member**: Volunteer to help out with sustainability events, raise funds for the team, and spread awareness about our work.
- **Keeton House Dining Hall** Ithaca, NY
  Shadow Supervisor *June 2017-Jan 2018*
  - Worked at the dining hall to assist with food preparation, swiping ID's, maintaining safety standards and organizing social events.
- **Engineers for a Sustainable World at Cornell** Ithaca, NY
  Bioenergy Implementation Team *June 2017-Present*
  - Conduct data analysis to help determine whether local companies should switch to energy from biofuels. Currently working with Optimus Technologies and Cornell's Grounds Department.

SKILLS

- **Proficient Languages**: Java, Python, SQL, HTML/CSS, R.
- **Intermediate Languages**: Ruby, Javascript, Matlab.
- **Other Skills**: SAS, AWS, Photoshop, Wordpress, QGIS, Git, Technical Writing, UI/UX, LaTeX, MS Office.

OTHER ACHIEVEMENTS

- **John Jaquette Scholarship**: Received the 2018 award and funding for women with entrepreneurial interests.
- **Health Hackathon at Cornell**: Reached the final stage of the hackathon in March 2018 with a project, Atropos, that helps optimize hospital appointment schedules.
- **Big Idea Competition at Cornell**: Was a semi-finalist and created TrashAid, a program that helps users determine what to do with common waste items.
- **Engaged Certificate at Cornell**: Stage 2 participant in the Engaged Certificate that grants funding and travel opportunities to students involved in the Cornell community.