Medhavi Gandhi

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Education

Cornell University, College of Engineering — Ithaca, NY
Major: Operations Research and Information Engineering — *August 2016- May 2020*

Experience

FlashStarts Accelerator — Ithaca, NY
Developer Intern — *May 2018 - August 2018*
- **Ossemble**: Wrote code to implement social media sharing and direct messaging features using Ruby on Rails.
- **Seventh.ai**: Researched expert systems and wrote code for an AI expert system that makes patenting decisions.
- **Betaland**: Created a MySQL database and connected it to a website using HTML/CSS and Ruby on Rails.
- **Adminix**: Wrote extensive Markdown documentation explaining the command-line setup and use of Adminix.

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**: Teaches 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**: Helps 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**: Volunteers 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*
- Conducts 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**: AWS, Photoshop, Illustrator, 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**: State 2 participant in the Engaged Certificate that grants funding and travel opportunities to students involved in the Cornell community.