

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, Stochastic Processes, Algorithms, Intro to iOS development, Digital Product Design, Server-side Web Design, Trends in Web Development

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.
- **The Attention, Memory and Perception Lab** Ithaca, NY
Undergraduate Researcher Jan 2019-Present
 - Process neuroimaging data with Nipype (in Python) and integrate with Amazon Web Services.
 - Generate and review data analysis and quality assurance scripts, and document the lab's work.
- **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

SKILLS

- **Languages:** Java, Python, HTML/CSS, Swift, SQL, Ruby on Rails, R, PHP, C#, Javascript, React, Node.
- **Programs:** Github, OpenCV, AWS, MySQL, MongoDB, Eclipse, XCode, Photoshop, InDesign, QGIS, Sketch, Invision, Unity, Visual Studio.

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.