Taira Davey

(917) 797-0595 • tdavey284@gmail.com • tairad.com
2 Deertrack Lane, Irvington, NY 10533

About Me

I switched to programming from pre-med after taking a Python course, as I found it much more enjoyable than anything I'd done previously. It was definitely something I could visualize myself doing every day. Since graduating, I've devoted the majority of my time to learning new technologies and have gained experience by designing a database and data management app for a lab. I am very excited about the work I'm doing and eager to advance my skills in this arena.

Education

Cornell University, College of Agriculture and Life Sciences   May 2016
BS in Biological Sciences, Business Minor, GPA: 3.54
Graduated *cum laude* with distinction in research

Technologies

HTML/CSS • JavaScript • AngularJS • Node.js • SQL • Python

Software Experience

Project Manager, Queens College   Jun. 2016 - present
- Manage a team to design a database for existing data and develop an app that allows users to enter, edit, and view data
- Has user authentication and different privileges depending on user type
- Uses long-polling to update data in real time and prevent double entry
- Uses HTML, Bootstrap, and AngularJS for the front end
- Uses Node.js and SQL for the back end

Other Experience

Research Assistant, Cornell University   Apr. 2015 – May 2016
- Studied population dynamics of the housefly
- Performed DNA extraction, PCR, Gel electrophoresis, DNA cloning

Research Assistant, Queens College   Jun. – Aug. 2012 & 2013
- Studied effects of stress on children of pregnant women for a longitudinal birth cohort study
- Recruited patients, powderized tissue, and extracted DNA

Publications

Meisel *et al*. 2016. "Is Multifactorial Sex Determination in the House Fly, *Musca domestica* (L.), Stable over Time?" *J. Hered* 107 (7): 615-625