

NAOMI SAGAN

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WORK EXPERIENCE

INTERN, MAGNITUDE.IO, INC

Summer 2016 – Present

Software Development/Electrical Engineering Intern

- Implementing various full stack web projects
- Designed and developed a sensor suite to measure air quality using an Arduino microcontroller (for educational purposes)
 - As of Spring 2019, 4 air quality monitors are being implemented in 2 Bay Area school districts

INTERN, OSISOFT

Summer 2017

Intern: Technical Lead

- Designed a device using National Instruments hardware and OSIsoft's data management tools to monitor energy usage

EDUCATION UC BERKELEY – BACHELOR'S IN EECS (IN PROGRESS)

Fall 2018 – Spring 2022, 4.0

- Structure and Interpretation of Computer Programs (CS 61A)
- Designing Information Devices (EE 16A)
- In progress: Data Structures (CS 61B)

SKILLS AND ABILITIES

- **Work Experience:**
 - **Web:** Node.js, MongoDB, MySQL, HTML/CSS/JS (Proficient with Bootstrap, familiar with React and Angular frameworks)
 - **IoT:** Arduino, rudimentary C++
- **Coursework:**
 - **CS:** Python, Scheme, SQL, Java
 - **EE:** Linear Algebra, basic circuit design
 - **Interpersonal:** teamwork (group CS projects and EE lab assignments)
- **Extracurriculars:** Wordpress

PROJECTS

- **Personal Website / Portfolio:** naomisagan.com
 - **From Coursework:**
 - Scheme Interpreter (coded in Python, for CS 61A)
 - Slope Field Generator (individual project for CS61A project fair)
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