NAOMI SAGAN

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(510)861-0857

High school student with project-based programming experience.

~ E D U C A T I O N ~

San Leandro High School (SLHS), San Leandro, CA
Graduating class of 2018

- ❖ 4.4 total weighted GPA
- ❖ 8 Advanced Placement (AP) Classes, scored a 5 (out of 5) on all exams
- ❖ 1580 SAT score (out of 1600), perfect ACT score

~ W O R K E X P E R I E N C E ~

Academic Intern at OSISoft, LLC
Technical Lead, June 2017 – July 2017

- ❖ Collaborated with 5 other interns to complete an engineering project to monitor energy consumption at the OSISoft headquarters
  - ▪ Experience using National Instruments devices, LabVIEW and OSISoft's PI System (a software suite for data collection, storage, analytics, and visualization)
- ❖ Analyzed data and proposed methods for optimizing energy efficiency
- ❖ Created a handbook for connecting National Instruments devices and software to the PI System

Software Development Intern at Magnitude.io, INC
June 2016 - March 2017

- ❖ Programmed a miniature satellite with several sensors
- ❖ Designed, built, and developed code for an air quality monitoring station (current project)
  - ▪ Experience programming in C++ for Arduino, some experience using Eagle software for PCB design
- ❖ Presented at the 2017 YES (Youth for the Environment and Sustainability) Conference at the Bay Area Air Quality Management District

~ O T H E R E X P E R I E N C E ~

Participated in 4 hackathons
2015 – Present

- ❖ Collaborated with teammates to produce Android and Web applications

Individual projects
Android and Web development, 2014 – Present

- ❖ Experimented with Web development, game design, and Android app development
  - ▪ Experience programming in Java, HTML/CSS/JS, and Node.js

Extracurricular Activities
- ❖ SLHS Robotics Club (2014-2015)
- ❖ Hack Club SLHS (Programming, 2015-2018): *Secretary* (2015-2017), *Treasurer* (2017-2018)
- ❖ Coding 101 (2016): *Mentor*
- ❖ SLHS Book Club (2014-2018), Science Club (2016-2018): *President* (2017-2018)
- ❖ Varsity Cross Country (2015-2017): *Captain* (2017)