Parth Pendurkar

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Experience

Vocational

Ampool, Inc.   **Santa Clara**

Software Development Intern   *2017*

A startup aimed at offering a robust, fully featured in-memory data store, allowing companies who handle vast quantities of data to make use of the speed of memory in transactional and high-throughput processes.

ON.Lab   **Menlo Park**

Software Development Intern   *2016*

A startup that is revolutionizing the software networking realm through their Open Networking Operating System, or ONOS, which allows developers to create advanced, high-throughput applications on a stable, self-repairing architecture.

Coding4Youth.org   **Cupertino**

Teacher and Project Manager   *2015*

A local startup that offers summer programs for middle and high school students who aspire to learn programming.

Kidz Kode   **Saratoga**

Founder   *2014–Present*

A registered nonprofit tailored toward teaching the basic fundamentals of programming in order to instill long-lasting, beneficial values of computer science in young kids across the bay area.

Make School   **Bay Area**

Ambassador   *2017*

A company that offers a 2 year college replacement program and other courses that delve into iOS programming. Supports many local hackathons and coding events by sponsoring and sending out ambassadors to pitch their products.

Organizations

Harker Programming Club   **The Harker School**

Treasurer   *2014–2017*

A school based organization that hosts coding contests and organizes the Harker Programming Invitational every year. Sponsored by IBM, Stanford, CMU, and more.

Los Gatos Youth Commission   **Los Gatos**

Commissioner   *2015–2016*

An organization that focuses on issues important to teens in the community and serves to bridge the gap between adults and teens in and around Los Gatos by implementing ideas to make the town more youth friendly.

French National Honor Society   **The Harker School**

4-year Member   *2013–2017*

A club in which French culture is appreciated; Some projects taken on by the society include a cultural night, a student made magazine, and meetings consisting of French food, entertainment, and celebration.

Volunteering

The Tech Museum of Innovation   **San Jose**

Exhibit Interpreter   *2014–2017*

A museum located in San Jose dedicated to the dissemination of scientific and technological knowledge.

Harker Science for Youth **The Harker School**
Presentation Officer *2013–2017*
An organization based in the Bay Area that holds free monthly presentations at local libraries on varying topics in science, such as Biology, Astronomy, and Physics.

American Youth Soccer Organization **San Jose**
Coach *2013–2015*
An organization dedicated to the spread of recreational soccer that also strives to help children with developmental disabilities fulfill their dreams in a safe environment.

Projects

Meet Me: iOS App, 2016 **Pocket Chef**: iOS App, 2016
Hire Me: iOS App, 2016 **Color IQ**: iOS Game, 2015
Near Sighted: iOS Game, 2015 **Streak**: iOS App, 2017

Papers

Synopsys Competition **The Harker School**
Bioinformatics *2014*
How the Ability of the Heterocephalus Glaber to Resist Cancer can be Applied Toward Medical Research Concerning Humans

Siemens Competition **UC Santa Cruz**
Bioinformatics *2015*
Optimizing Existing Models of RNA Sequence Data Analysis: A Novel Infrastructure to Advance the Timeline of Current Methods

CIF Conference **The Harker School**
Nuclear Nonproliferation *2015*
Historical Precedents and Policy Analysis in the Development of Proposed Nuclear Mishap Response Plans

Education

The Harker School **Saratoga**
High School Diploma *2013–2017*
Coursework
Programmatic: AP Computer Science, Honors Data Structures, Honors Computer Architecture, Honors Programming Languages
Mathematics: AP Calculus BC, Honors MVC, Honors Linear Algebra, Honors Differential Equations
Science: AP Chemistry, AP Physics C
Other: AP Economics, Honors Game Theory

Skills

Programmatic: Java, Swift, Python, C, Objective-C, Fortran
Web: HTML, CSS, Javascript
Other: Unix, Photoshop

Awards

Hackathons: 1st Place GunnHacks, 2nd Place Los Altos Hacks, 2nd Place BaseHacks
Programmatic: USACO Silver Division
Community: President's Service Award, Los Gatos Mayor's Commendation for Exceptional Service
Other: AP Scholar with Honors, Harker Love of Learning Award, Harker Leadership Award