

Patrick Selover

Los Altos Hills, CA | patselover@gmail.com | (650) 743-0547 | linkedin.com/in/patrickselover | github.com/patselover

Education

Santa Clara University

Grad Date: June 2018

B.S. in Computer Science Emphasis in Data Science

Relevant Coursework: Math: Numerical Analysis, Calculus I-IV, Probability and Statistics I-II, Discrete Mathematics, Abstract Algebra, Linear Algebra, Combinatorics **CS:** Object Oriented Programming, Data Structures, Embedded Systems, Logic Design, Theory of Automata, Theory of Algorithms, Data Science, Applied Machine Learning, Operating Systems, Database Systems

Skills

Languages: C++, MatLab, PL/SQL, Python HTML, CSS, JavaScript, English

Operating Systems: Mac OS, Linux, Windows,

Applications: Microsoft Word, PowerPoint, Excel, Adobe Photoshop, Adobe Lightroom, Adobe Illustrator, Solidworks, Xcode, Qt, TKGate, VSCode, Github

Additional: Data Mining, Machine Learning, Statistical Analysis, Object Oriented Programming, Test Driven Development

Work Experience and Leadership

AXA Investment Managers

Orinda, CA

Investment Platform Engineering Intern

June 2017 – September 2017

- Working with the Lead Data Architect, I created visuals to help demystify the “black box” of neural network learning, so clients could better understand decision making by the system.
- Created a suite of Investment Platform utilizing Machine Learning techniques for client side data visualization. Using JavaScript I created dynamic web based applications with nodejs and D3.js for visualization of real-time stock exchanges for portfolio management to aid active investment strategies.

Nanoracks LLC

Mountain View, CA

Business Development Associate/Intern

June 2015 – September 2015

- Generated and qualified hundreds of valuable leads for the VP of Business Development, many of which resulted in actual sales for the company.
- As a Customer Development Intern, it was my job to work closely with the VP of Business Development to understand the technology within the satellites and the satellite deployers that would eventually be used on the ISS.

SV2 (Silicon Valley Social Venture)

Los Altos, CA

Technologies Intern

June 2015 – September 2015

- Worked with an outside contractor designing and creating a website for the organization. Allowing me to use my team leadership skills, along with communication and project management skills to create and integrate the website into the existing organization.

KSCU

Santa Clara, CA

DJ – Schizoid Sound

November 2017 – Present

- Every week I would co-DJ a radio show, Schizoid Sound, where we would explore the history of a genre of music. During our two-hour timeslot, we interacted with the campus through musical exploration.

F/12 Photography

Los Altos, CA

Principal

June 2014 – Present

- Marketed and advertised services to attract clients, performed event photography on location as well as logo and image branding services.

Eagle Scout Award

February 2011

Current Projects

Personal Website

- Currently attempting to create a personal website to show off the photos I have taken through F/12 Photography and have access to my resume and other personal projects. Found at patrickselover.com.

Bitcoin Sentiment Tracker

- Currently using Naïve Gaussian Classification to track Bitcoin Sentiment on Twitter and to determine if daily percent change is related to sentiment score.

Database

- Currently using PL/SQL to create and maintain a database with UI for a computer repair shop. The database will allow users to view bills and to management to maintain jobs.