



# TYLER ALAMO PORT

tyler274.com     github.com/tyler274     linkedin.com/in/tyler-port-9a795455/  
✉ tyler274port@gmail.com    ☎ +1 (516) 776-7470

## EDUCATION

---

**California Inst. of Technology [Caltech]**, *B.S. in CS Expected, 3.0/4.0 GPA*      *Sep. 2015 - Jun. 2020*

- Studied Computer Science with a focus on GPU Programming for parallelizing and accelerating algorithms.

## WORK AND EXPERIENCE

---

**Tinder Inc.**, *Operations Intern*      *June 2018 - August 2018*

- Worked to automate monitoring tasks by programmatically defining service state requirements

**Caltech**, *Lecturer and Teaching Assistant in Computer Science*      *April 2018 - June 2018*

- Developed and updated course material for CS179 GPU Programming
- Lectured, held office hours, and graded assignments for the course.

**NASA Jet Propulsion Lab**, *Year Round Intern*      *Jan 2018 - June 2018*

- Worked on trajectory finding and visualization for the Europa lander mission.

**DoubleVerify Inc.**, *Bot Fraud Analyst Intern*      *June 2015 - September 2015*

- Infected machines with malware and analyzed the collected network traffic for evidence of bot net based ad fraud.
- Researched bot net forums for new developments in the field, especially the prevalence of voluntary bot nets known as traffic exchanges, and youtube based revenue generation.

**KarmaFleet**, *Software Developer and Systems Administrator*      *January 2015 - February 2016*

- Wrote a web application in flask(python) for recruitment, customer relations management, human resources, and internal affairs. Included automated testing and continuous integration.
- Maintained multiple applications for VOIP, market management, expenses and claims.
- Containerized application development and deployment.
- Linux server setup, administration, and maintenance.

**GLO Gaming**, *Office IT*      *September 2012 - September 2014*

- Built office storage server and network infrastructure including JUNOS configuration
- Helped develop Salesforce integrations
- Built and maintained openVPN and NAS

## SKILLS

---

- Languages: **Python**, C/C++, CUDA/OpenCL, Haskell, VHDL, Ocaml, Javascript, SQL, Rust, Golang, Java, Mathematica.
- Platforms/Technology: FPGA (Intel, Xilinx), Linux (Gentoo, Arch, RHEL, Debian), MacOS, BSD, Windows, Git, Apache, Nginx.
- Specialties: GPU programming, functional programming, graphics, relational database design and management, graph theory, systems administration, dev ops.