

# GARRETT GIORDANO

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## COMPUTER ENGINEERING

Cal Poly Pomona Computer Engineering graduate with a long-standing interest in computer and electronic systems. Effective communicator, confident, and diplomatic in interactions with colleagues, peers, managers, and professors. Demonstrated ability to work collaboratively to meet project deadlines, achieve, and exceed goals.

*PHP | C | C++ | C# | Python | JavaScript | Mongo | SQL | Visual Studios | Assembly |  
MatLab | PSpice | Arduino | Verilog | Virtualization | TCP/IP | Photoshop*

## EXPERIENCE

Apex Ceph Technologies LLC | Claremont, CA 2019 – Current

### ***Co-Founder / Software Engineer***

- Acquired and maintain an active Partnership Agreement with Fiserv
- Develop custom web services for fairs and events with a focus on aggregating financial reports from multiple devices
- REST API integration in both PHP and JavaScript
- Database layout and design in MySQL and MongoDB depending on use case
- Setup and deploy Azure app services and Cosmo DB for product testing and deployment
- Communication with Clover and Fiserv on desired logging, authentication, and exponential back off implementation
- Implement OAuth 2.0 handoff for secure authentication and communication
- Develop technical support documentation and installation videos for support staff and customers

INTS | Portland, OR 2013 – 2014

### ***Technical Support Representative***

- Troubleshoot / Support Windows / Ubuntu and Redhat Linux operating system
- Install and configure Windows and Linux OS's to ship to customers
- Test and Repair RMA hardware

C&C Concessions | La Verne, CA 2005 – 2020

### ***I.T. / Fabrication***

- Work with ISP, on-location to get internet connectivity to temporary / mobile facilities
- Design and implement an network for mobile point of sale systems with cellular redundancies
- Manage and maintain office computers, servers, backups, redundancies and VPN access at main facility

## EDUCATION

***Bachelor of Science Degree, Computer Engineering*** | California State Polytechnic University | Pomona, CA

Graduation 12/2021 | 3.8 GPA

- Senior Project: Designed a web service to access a custom IOT sensor that was developed based on Velostat and the Raspberry Pi
- Work with a team to design, implement, and secure a virtualized corporate network

***Associate of Science Degree, Mathematics*** | Mt. San Antonio College | Walnut, CA

- As part of the Mount SAC Rocket Club we designed and fabricated experimental solid fuel rockets
- 3D printing of cases, soldering assembly of GPS units, fabrication of rocket body

## EXTRACURRICULAR

**Motorcycle Carb Rebuild / Maintenance** – Rebuilt the carburetor on my 2012 YAMAHA VSTAR 1100. I maintain the brake-fluid, oil-changes, air filters, electronics and installed a set of grip heaters (Primary mode of transport during school)

**Automated Order Calling System** – Designed and fabricated a pickup window & display that allows a vendor to input a customers order number, that order number is then displayed and called out over a loudspeaker for customer pickup. (Large project, pictures and video available)

**Portfolio:** <https://ggior32.dev>