

WORK EXPERIENCE, continued.**Bargible, Los Angeles, CA****Apr 2016 - May 2017**

- First-hire founding engineer at online game/ecommerce hybrid business concept startup
- Deployed on cloud for multiple computers from initial concept
- Extensive updates to existing implementation, both technical and feature-driven
- Continued Python experience, particularly Python 3
- Initial work experience with then-modern frontend JS patterns
- Implemented Scrum SDLC to broaden understanding of the requirements management phase
- Introduced Alt.js+React frontend patterns to other engineers while improving the Flask backend service to include aiohttp websockets and a redis service layer hands-on with the CTO

Filentech (Consulting), Manila, Philippines**Oct 2014 - Dec 2014**

- Built a web-based accounting system and cash portal for an online casino
- Java backend with Play, simple AJAX frontend with jQuery

Cinafides, Chengdu, China, Systems Developer**Mar 2013 - Jun 2014**

- Rapid prototyping of web and mobile applications
- Hacked out short-term projects; gained business experience and client-facing insight

Synaptics, Santa Clara, CA**Simulation Engineer****Mar 2011 - Jul 2012**

- Designed, developed, and maintained automated hardware testing framework
- Firmware build system edits

EDUCATION**California Institute of Technology**

Bachelor of Science in Mathematics

Southwest University for Nationalities

Mandarin Language

ACTIVITIES & ADDITIONAL WORK**Revature, Pre-training****Jul 2023 - present**

Free intensive 10-week program to upskill and refine programming capabilities; Java, SQL, Javalin, SpringBoot

Volunteer Tutoring, Los Angeles, CA**Sept 2015 - May 2017**

Off-and-on weekly volunteering through School on Wheels

Cognitive Science, Los Angeles, CA**Oct 2015 - Dec 2016**

Participation in weekly meetings at Prof. L. Shams UCLA lab

Tutoring, Los Angeles, CA**Sept 2015 - Apr 2016**

Private Lessons, a tutoring center (2015 only), and volunteering through School on Wheels

ESL Teacher, Chengdu, China**Aug 2012 - Feb 2013**

Taught classes at iSmart, a locally-owned and -operated private English school

CURRENT PROJECTS & OPENSOURCE**JXN2020ToDos** - Python, Graphene, React and Typescript Learning Project<https://github.com/ransomw/jxn-2023-todos/>**Graphene Contributions:** Participation in OpenSource Software Meetup and Code Contributions<https://github.com/graphql-python/graphene/issues/1293>**Discord Python Code Jam 2023****PERSONAL INTERESTS**

Woodwinds/Guitar

Novels

Cycling

Running