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Sean Selvig

Education

Sept. 2016 - June 2019 **University of California, San Diego**, *B.S. Computer Science*, San Diego, CA.

Technical Skills

Comfortable Python, Java, JS, HTML, CSS

Familiar C, C++, Lua, Haskell

Misc. Git, Linux, Node, Jira

Projects and Experience

April 2017 - June 2017 **CSE 110**, *UCSD*.
- Developed a dynamic wallpaper changing Android app with six students using a scrum framework.
- Gained experience with the Android SDK, mock client interaction, and issue tracking via Jira.

May 2017 - Aug. 2017 **Tech Support**, *Commonwealth Financial Network*.
- Assisted a local financial advisor with office tasks.
- Client information entry and backup, general tech support questions, OS updates for office machines.

Nov. 2017 **The Basement**, *UCSD*.
- Helped students at a university incubator prototype a real-time campus event tracking app.
- Gained storyboarding and brainstorming experience with a small team.

Nov. 2019 **Messier Hunter**, *mh.seanssel.com*.
- Developed a progressive web app that allows amateur astronomers to quickly look up information for certain astronomical objects.
- Express, Workbox, Handlebars, Tailwind

Jan. 2020 - Present **Jr. Software Engineer**, *snaploT*.
- Working on the development team for snapClinical, a platform for building clinical trial applications on Android, iOS, and web.
- Using snapClinical to build apps for multiple client projects, as well as debugging the resulting apps and platform itself; this has exposed me to a diverse codebase (Python buildsystem, Java/Swift for the mobile libraries, Angular front-end).
- Learning to work effectively in an Agile environment, which includes using Jira for bug tracking and task assignment, Git/Bitbucket for version control, tight UAT and shipping deadlines, and communication with our Italian team.

Leadership

Nov. 2016- June 2019 **Astronomy Club Outreach Coordinator and Telescope Operator**, UCSD.
I am passionate about amateur astronomy. I helped organize off-campus club observation events where I taught participants how to manually operate telescopes and locate objects in space.