Alexandra Hunter

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EDUCATION

California State Polytechnic University, Pomona, CA   September 2016 - May 2020

Bachelor of Computer Science

EXPERIENCE

Software Engineer Intern, Farmer's Insurance- *Woodland Hills, CA*   June 2019 - August 2019

- Saved cloud space by writing detailed design documents as well as unit testing plans to demonstrate how to both convert current algorithm in legacy codebase to API calls and how to test these calls.
- Gained knowledge in front end development by updating the company website and creating a better UI experience for agents creating and changing insurance policies.
- Enhanced the company's software development lifecycle by engaging in meetings discussing how the company will shift from a waterfall lifecycle to pure agile.

SKILLS

Proficient: Java, Python, C++, Eclipse, intelliJ, JavaScript

Familiar: HTML, CSS, Git, netBeans, Visual Studio, JSON, GUI, Bootstrap, LWJGL, Scala, SQL

PROJECTS

Minecraft: Created a randomly generated world with graphics similar to minecraft. Applied knowledge on OpenGL to simulate a day to night lifecycle, light reflection, and shadows by dividing work out equally in a team setting.

Chat Application: Built a messenger application which connected multiple computers on the same network to communicate using Scala and GUI.

Graphs: Sorted roads and city names given a data file by implementing Dijkstra's algorithm in Java.

Shipping: Organized and categorized different types of ships by utilizing C++ capabilities such as operator overloading and pointers.

LEADERSHIP

sheCodes club - *California State Polytechnic University, Pomona*   September 2016 - Present

- **Public Relations Chair** - *June 2018 - June 2019*
  - Maintained relationships with outside companies while preserving the club's good-standing reputation with the school.
  - Kept members up to date of happenings within the club via social media and email.
- **Mentorship chair** - *June 2017 - June 2018*
  - Supervised the creation of mentor mentee pairs to facilitate a strong community.
  - Increased the retention rate of women in CS by giving them an environment to learn and grow.

Zeta Tau Alpha - *California State Polytechnic University, Pomona*   September 2016 - Present

- **Judicial Chair** - *August 2018 - Present*
  - Run weekly judicial council meetings to discuss and subsequently dole out adequate punishment to those who broke bylaws or disrespected the organization.
  - Create and manage a committee of unbiased people.
- **Sisterhood chairman** - *January 2017 - December 2018*
  - Planned various events throughout the semester whilst maintaining the budget.
  - Facilitated a lower tiered committee and delegated tasks out according to strengths of team members.