

William Gardner

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github.com/wg4568
San Jose, CA

I am currently a Computer Science student at West Valley College with a well-rounded and practical understanding of web development. While my current field of work is in security, my side projects focus primarily on game development for the browser. I have been passionate about this topic for a number of years now, and have gone on to develop numerous browser based multiplayer games (and game engines) using TypeScript and HTML5. My development portfolio is available on my Github profile linked above.

Work Experience

Information Security Engineer - Chegg

September 2020 - Present

- Manage bug bounty program through HackerOne
- Test and reproduce reports and locate bugs in source code
- Submit Jira tickets to appropriate teams and oversee the implementation of a fix
- Write exploits and PoCs to demonstrate vulnerabilities

Security Intern - Chegg

June 2019 - July 2019

- Researched custom plugins for OWASP Zap
- Built modified Zap versions from source code
- Implemented custom scanning rules and documented the process

Store Clerk - Rocket Fizz

August 2019 - January 2021

- Fulfilled all basic store duties: greet customers, run register, cleaning
- Typically worked alone especially during Covid-19
- Aided with invoicing, managed purchase orders, inventory

President and Advisor - Branham Robotics Club

June 2018 - June 2020

- Transformed a small club into a multifaceted organization with 5 competitive teams
- Built an outreach program bringing robotics and STEM to elementary schools all over the bay
- Restructured leadership to allow for more rapid growth

Projects

Engineer and Co-Founder at areyoulistening.studio

- Worked with a small team to sell over \$1500 worth of merchandise
- Implemented custom shirt designer for desktop and mobile
- Integrated with PayPal to enable global shipping and promo codes
- Built tooling for order management and website administration

Cloud Ops/Server Administration for cuhsd-mc.org

- Technical lead for school-district Minecraft server during Covid19
- Brought together over 1000 students during lockdown
- Scaled infrastructure and hardware as student numbers grew
- Secured against malicious game hackers and botting attacks

References

Lisa Pelgrim and Chris Dunn

Rocket Fizz Campbell Owners

Barbara Schremp

Math and Engineering Teacher, Advisor to BHS Robotics

John Heasman

Chief Information Security Officer at Chegg Inc.

Contact information available upon request.