

Hannah Galocy

Email: hannah@galocy.com | Phone: (408) 722-1079 | LinkedIn: <https://www.linkedin.com/hannah-galocy-0b10b3153/>
Github: <https://github.com/hgalocy> | Website: <https://hannahgalocy.netlify.app/>

Motivated Software Engineer looking for a full-time position. Detail-oriented and experienced in creating new software functionalities as well as improving existing application design. Strong communication skills used to work effectively across development teams to produce a cohesive product.

Education

San Diego State University

Major: Computer Engineering

Minor: Computer Science

Graduation Fall 2021

GPA: 3.47

Relevant Coursework:

Object Oriented Programming, Data Structures, Circuit Analysis, Assembly Programming, Embedded Systems, Digital Circuits, Signals and Systems, Microprocessors, Transistor Circuit Design, Computer & Data Networks, Web Full-stack Programming

Work Experience

Naval Information Warfare Center (NIWC)

Software Engineer

Jan 2022 - Present

- Acquired Secret Security Clearance for position.
- Responsible for building a distributable, modernized version of a deprecated application using Electron.js and C++.
- Implemented new features to support new user cases given customer feedback.
- Utilized agile software development practices to collaborate with various different teams and provide thorough documentation of code.
- Guided new teammates, reviewed pull requests and provided detailed feedback when needed.

Intern

Nov 2020 - Dec 2021

Nvidia

Intern

Summer of 2018

- Developed scripts for NVIDIA's performance lab to automate various benchmarks on handheld devices. This included GPU and CPU benchmarks to aid in the testing of different mobile devices.
- Compiled the resulting benchmark data quickly and efficiently with these scripts when prompted by various teams throughout the company.
- Used Perforce to version control and manage multiple scripts written in Perl.

Projects

Pinball Game - (Programmed in Verilog for Basys3 FPGA)

Square Wave Signal Generator - (555 Timer with LM339 Level Shifter)

Bed of Nails Desktop App - (Electron.js GUI communication with Arduino Due via JSON)

Automatic Pet Feeder - (Raspberry Pi with servo)

Personal Website - (HTML, CSS, Javascript)

Skills

Programming:

- Python, R, C, C++, C#, Java, ARM/MIPS Assembly, Verilog, Perl, Javascript, HTML, CSS, Node.js / Electron.js

Software/Hardware:

- Raspberry Pi, Microcontrollers (AVR), Confluence, Microsoft Office, Bitbucket, Jira, FPGAs (Basys 3), Linux, Windows, and Mac OS, Perforce, Git

Personal/Team:

- Collaboration, Communication, Agile Development, Technical Documentation, Time Management, English