



Rachel Hanna

Software Engineer & Web Developer

Third year Computer Science student searching for a summer internship. I am excited to gain hands on experience as a software engineer in a professional setting. Experienced with web design and development, proficient in many languages, and a self-motivated, fast learner.

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WORK EXPERIENCE

Web Developer

UC Davis Undergraduate Education Communications Team [🔗](#)

06/2018 – Present

Achievements/Tasks

- Built/maintained 15 campus sites in SiteFarm (Drupal-based CMS)
- Developed skills using Google Analytics & Script and Photoshop

Contact: Sharon Knox – scknox@ucdavis.edu

Davis, CA

Dynamic Visualization of Large, Sparse Networks

Honors Project with UC Davis Researcher

01/2018 – 03/2018

Achievements/Tasks

- Studied network visualization used for research in protein folding
- Using the JavaScript D3 library, developed 2D and 3D representations of amino acids

Contact: Professor Patrice Koehl – pakoehl@ucdavis.edu

Web Designer & Developer

RJoy Pet Portraits [🔗](#)

12/2017 – Present

Achievements/Tasks

- Designed and developed a live website using a Linux web host
- Built a form and automated email using Google Sheets & Scripts
- Updated website using Bootstrap, JavaScript, CSS, and Node.js

Web Director

UC Davis Women in Computer Science (WiCS) Club

09/2018 – 01/2019

Achievements/Tasks

- Built and maintained the club website, hosted with GitHub
- Cooperated with other board members using applications like Slack and Google Drive

EDUCATION

B.S. Computer Science

University of California, Davis

09/2016 – 06/2020

3.8/4.0 GPA

SKILLS

Python C C++ Java Rust

Linux JavaScript CSS HTML

Node.js SQL Haskell Prolog

Google Analytics Git GitHub Slack

Web Design YouTube Creator Studio

Adobe Photoshop Google Data Studio

Console Programming Pinnacle Studio

PERSONAL PROJECTS

E to Java Compiler (09/2018 – 12/2019)

- Built a compiler from a basic language E to Java, written in Java

BookClub (04/2018 – 06/2018)

- Built a web app used for keeping track of books for a book club using JavaScript, Node.js, HTML, CSS, and the Google Books API

MiniChess (04/2017 – 06/2017)

- Built an interactive game similar to chess or checkers to be played in the Python interpreter
- Programmed computer player that beat majority of other programs written by other students

ACTIVITIES & HONORS

UC Davis Dean's Honors List

University Honor's Program

Davis University Chorus

Artist