

# Rachel Hanna

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## Education

### **B.S. in Computer Science**

University of California, Davis

3.8/4.0 GPA, expected Fall 2019

## Experience

### **Student Web Developer**, June 2018 to current

UC Davis Department of Undergraduate Education Communications Team, Davis, CA

- Built and maintained about 15 campus sites using the SiteFarm CMS (Drupal-based)
- Interacted with clients to provide optimal aesthetic and functional solutions
- Developed skills using Google Analytics, Google Script, Draw.io, and Photoshop

### **WiCS Web Director**, September 2018 to current

UC Davis Women in Computer Science, Davis, CA

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

### **Network Visualization Project with Professor Patrice Koehl**, January to March 2018

University of California Davis, Davis, CA

- Learned to use the Apache web server on a Windows machine
- Studied the use of HTML, CSS, and the JavaScript D3 library to model protein folding

### **Web Designer and Developer for RJoy Pet Portraits**, December 2017 to current

Self-employed, Davis, CA

- Designed, developed, and published a live website using a Linux web host
- Learned and applied new HTML, CSS and JavaScript techniques
- Completed a variety of commissioned drawings and paintings (some digital)

## Special Skills

- Console Programming in a Linux Environment using C, C++, Java, and Rust
- Web development experience with JavaScript, Node.js, CSS, HTML, and D3
- Programming experience in Python
- Experience using Google Analytics, Scripts, Sheets, Forms, and Drive
- Knowledge of computer architecture, digital circuitry, and assembly languages
- Experience with graphic design using Photoshop, Autodesk Sketchbook, and Gimp
- Experience with video editing using Pinnacle Studio, Movavi, and YouTube

## Activities & Honors

- University Honors Program
- Member and Web Director of Davis Women in Computer Science (WICS)
- UC Davis Dean's Honors List
- Davis University Chorus
- Artist

## References

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| ▪ <b>Sharon Knox</b><br>Director of Communications, UC Davis<br>Office of Undergraduate Education<br><a href="mailto:scknox@ucdavis.edu">scknox@ucdavis.edu</a> | ▪ <b>Patrice Koehl</b><br>UC Davis Professor<br><a href="mailto:pakoehl@ucdavis.edu">pakoehl@ucdavis.edu</a> |
|   | ▪ <b>Kurt Eiselt</b><br>UC Davis Lecturer<br><a href="mailto:eiselt@ucdavis.edu">eiselt@ucdavis.edu</a>      |