

DAVID KREIS

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Skills

Programming: React.js, Python, Javascript, Ruby/Rails, HTML/CSS

Software Applications: Microsoft Office, Visual Studio Code, Eclipse, GIMP, IDLE

Operating Systems: Windows, OS X, Linux

Languages: English (Native), Spanish (Intermediate)

Experience

Software Developer, Performant Software Solutions, Charlottesville, VA

July 2018 – October 2019

- Developed software for scholars in the humanities, using React.js, Ruby/Rails, HTML/CSS.
- Participated in daily stand-ups with whole team to make progress reports on current projects.
- Worked in an informal Agile environment, breaking epics into smaller issues with time estimates to fill two week sprint.
- Collaborated with other team members to integrate completed components into full project.
- Implemented user stories and graphical mockups to create web applications.
- Day to day work done individually, with occasional interactions with team members for clarification or other questions.
- Interacted directly with clients on a regular basis to show progress, receive feedback, and update needs and priorities.

Technology Consultant, Grinnell College

September 2015 – May 2018

- Diagnosing and repairing computers, mobile devices, audio and video equipment.
- Assisted users in connecting to network drives, network printing, and other troubleshooting issues.
- Strong interpersonal communication skills in attentively working with technical and non-technical end-users.
- Tracked and completed tickets in a timely manner.
- Required critical thinking for over-the-phone diagnosis and repair.

Projects

Web Development (Javascript), Carleton College

June 2017 – July 2017

- Created data visualizations on Tree Ring Expeditions for the Science Education Resource Center (SERC) at Carleton.
- Wrote scripts in Python to automatically rearrange data into the correct format to use with Dygraphs.

Grinnell Computer Science Job Board (Ruby/Rails, HTML, CSS)

Spring 2017

- Allows Grinnell CS alumni to post opportunities for undergraduates through a secure portal.
- Worked in an Agile environment.
- Collaborated with a client to bring to life their vision for the project.
- Coordinated with team members to collect user stories, schedule tasks, and integrate individual code sections.
- Utilizes the Devise, recaptcha, and Ransack gems for secure user accounts, spam protection, and searching.

Web Server Chatbot (Python)

May 2016

- Searches for keywords in user input to create a response mimicking Grinnell College's President.
- User chats are stored in a database; users can access their chat logs with a username and password.
- Program uses Tornado Web Server, SQLAlchemy, and BlitzDB

Education

Grinnell College, Grinnell, Iowa

Bachelor of Arts in Computer Science