

# Veronica Hing

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## TECHNICAL SKILLS

**Languages:** JavaScript, C#, Python, HTML, CSS | **Frameworks/Libraries:** Express, React, React-flow, Node.js, ASP.NET, Unity, Flask, Jinja, Jest | **MongoDB, MySQL** | **Tools:** GitHub, Postman, Chrome Developer tools

## TECHNICAL PROJECTS

**KnowChart** | *Front-end Developer* | [GitHub](#)

*Flowchart creating and editing Web Application* || *Built with REACT, REACT-flow, MongoDB*

- Created User Interface using React-flow and JavaScript for users to drag and drop editable flowchart components
- Tested and troubleshooted features using Chrome Developer tools to ensure User Interface behaves predictably
- Applied SCRUM methodologies via GitHub and Trello to deliver minimum viable product in a 2 week sprint

**BlobRunner 2D** | *Collaborator* | [GitHub](#) | [Live Deployment](#)

*Timed Single-player 2D platformer with multiple levels* || *Built with Unity, C#, Azure Playfab*

- Integrated Azure Playfab for Player Login/Registration and Leaderboard for competitive-replay value
- Applied Models-Views-Controllers software architecture with C# to create platformer-style game in Unity
- Created Timer overlay to persist across multiple levels using C# scripts for Leaderboard feature

**Please Do Tell** | *Software Developer* | [GitHub](#)

*Cocktail recipe lookup and bookmark Web Application* || *Built with Python, Jinja Templates, MySQL DB*

- Created Templates using Python and Jinja for dynamically rendered content
- Tested calls to external API and Database using Postman to verify data is stored and received in expected formats
- Implemented database in MySQL for User Login/Registration, favoriting recipes, and creating friends list

## PROFESSIONAL EXPERIENCE

**Mechanical Engineer** | *Communications and Power Industries* | Palo Alto, CA 7/2017-3/2020, 8/2021-6/2022

- Communicated with key stakeholders to clearly outline product requirements, deliverables, timeline and discuss testing plans to ensure product meets requirements in a timely manner
- Troubleshooted issues during product fabrication and testing phases to meet project timeline
- Analyzed product using ANSYS to quantify product failures and propose design improvements

**Front End Developer** | *Uplift K-12* | Remote

5/2021-8/2021

- Implemented and tested features using JavaScript, React, and React-flow for user stories
- Documented and added features with Git and GitHub to allow group collaboration
- Triaged competing efforts such as bug fixes, new feature implementation, and feature integration to maximize deliverables

## EDUCATION

**Coding Dojo** | *Full-Stack Developer Certificate* | San Jose, CA

7/2022

- Immersive Full-Stack Training Program in Python, C#, and MERN

**University of California, Davis** | *Bachelors of Science in Mechanical Engineering* | Davis, CA

6/2017

- ABET accredited program to cultivate engineering design, problem solving, and collaboration skills

## Additional Skills:

**Personal:** Self-starter, Quick learner, Creative, Humble, Problem Solver | **Team/Customer:** Collaborative, Clear Communicator, Priority Setting, Negotiating