

ADELYN FLOWERS

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EDUCATION

California State University - Sacramento

MA Economics (with distinction) *GPA: 3.95*

Sacramento, CA

Aug 2020 - May 2022

Brigham Young University - Idaho

BS Software Engineering *GPA: 3.5*

Rexburg, ID

Sep 2016 - Dec 2019

SKILLS

Development: C++, C#, Java, Javascript, Angular

Analytics: STATA, R, Python, SQL

Modeling tools: Linear regression, Logistic regression, Neural networks, AB testing, Causal analysis

EMPLOYMENT

California State University - Sacramento

Research Assistant

Sacramento, CA

Aug 2020 - Present

- Designed and implemented cellular automata model of disease spread amongst California citrus growers
- Leveraged causal analysis and machine learning on large datasets to generate insights about complex interdependence amongst many key variables
- Delivered data-driven recommendations in simple language to drive policy and help growers maximize profits

Blue Shield of California

Systems Analyst

Folsom, CA

Sep 2020 - May 2021

- Defined and delivered solutions that met business objectives and served as a facilitator between the business and IT teams
- Assisted in creating, refining, and maintaining user stories and associated deliverables such as process flows and test cases
- Created and maintained product documentation to solution the most complex business needs

Raptor IT Consultants

Software Engineer

Sacramento, CA

Jan 2020 - April 2020

- Maintained and optimized existing business software applications
- Consulted commercial customers on the pricing, timeline, and functionality of their proposed software projects
- Worked directly with existing customers to design future software enhancements and determine project direction

Quandary Escape Rooms

Software Engineer

Roseville, CA

Jan 2017 - Jan 2020

- Created, maintained, and updated proprietary company software
- Authored and edited cost estimates, software requirements, and software design documents
- Brought ideas through the entire Software Development Life Cycle

Brigham Young University - Idaho

Computer Science Tutor

Rexburg, ID

Apr 2018 - Jul 2018

- Engaged students in a one-on-one mentoring environment that universally increased grades and understanding
- Received perfect scores on student evaluations
- Taught classes up to and including "Data Structures"

Quandary Escape Rooms

Software Engineering Intern

Roseville, CA

June 2016 - December 2016

- Created a new software suite for employees that doubled productivity
- Performed updates and maintenance on existing software
- Managed and maintained hardware components