

David Weinflash

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SUMMARY

Professional full-stack software engineer and data analyst. A collaborative and analytical thinker committed to continuous learning with experience designing and developing innovative solutions to provide customer value, enhance team productivity and drive company strategy.

EDUCATION

University of California, Santa Barbara, CA
M.S., Computer Science. GPA: 3.8/4.0.

June 2019 – June 2021

University of Arizona, Tucson, AZ
B.S., Cum Laude, Computer Science. Minor: Mathematics. GPA: 3.6/4.0.

January 2017 – May 2019

University of Arizona, Tucson, AZ
B.A., Cum Laude, Economics. Minor: Spanish. GPA: 3.7/4.0.

August 2008 – May 2012

SKILLS

Java, TypeScript, Ruby, Python, HTML, CSS, PL/SQL, Spring, Angular, Rails, Elasticsearch, Oracle SQL Developer, Azure DevOps, Git

EXPERIENCE

General Motors

Full-Stack Software Engineer – Level 6
Full-Stack Software Engineer – Level 5

Chandler AZ

March 2023 – Present
July 2021 – March 2023

- Work as a full-stack software engineer a part of an agile scrum team in support of the Global Dealer Locator, a REST/SOAP API search engine built using Java, Spring, Elasticsearch and Angular to uphold a global network of dealerships and handle on average 50 million requests per month.
- Fulfill an extra role as the team's interim Database Administrator, designing and maintaining a shared set of database schemas using Oracle SQL Developer, Azure Pipelines, Liquibase and Git to manage team database development across test and production environments.
- Designed and developed a system using Spring Batch and Oracle PL/SQL to automate the employee organization realignment process, modernizing a previously time-consuming routine and enabling application consolidation, decreasing operational costs by \$20K per month.
- Implemented designs suggested by senior staff to introduce an application Health Check, a monitoring service developed using Angular, TypeScript, Spring and Elasticsearch capable of detecting and repairing issues to promote application availability and support 11.6 million requests per week.

AppFolio

Software Engineer Intern

Goleta CA

June 2020 – September 2020

- Paired with software development teams to develop the flagship application using Ruby on Rails, React JS, JavaScript and Sequel Pro.
- Developed the backend of the call-to-lease microservice, integrating customer accounts with the Twilio cloud communications platform.
- Advanced the leasing syndication engine to capture inbound leads from independent leasing services via a REST API.

University of California, Santa Barbara

Department Software Engineer – Interdisciplinary Humanities Center

Santa Barbara CA

August 2019 – June 2020

- Integrated JavaScript, Python and Google OR-Tools to automate department processes and deploy a user-friendly scheduling application to optimally match volunteer interpreters with annual student-teacher conferences throughout the Goleta and Santa Barbara school districts.

University of California, Santa Barbara

Teaching Assistant – Department of Computer Science

Santa Barbara CA

January 2020 – March 2020

- Created assignments, presented course material, graded submissions and collaborated with students and faculty in support of the undergraduate Computer Science course Computer Architecture at UC Santa Barbara.

Meritage Homes

Senior Market Research Analyst
Market Research Analyst
Market Research Intern

Scottsdale AZ

January 2014 – November 2016
June 2012 – January 2014
June 2011 – June 2012

- Designed and developed internal market research software, enabling the Strategic Operations, Land Acquisition and Sales teams to quickly parse convoluted data sets and make informed business decisions, modernizing the market research approach.
- Integrated SQL, Visual Basic for Applications and Google Earth to pioneer, automate and maintain the first company-wide market intelligence platform built upon the Microsoft Office suite of applications.
- Presented analyses based on market intelligence, providing actionable recommendations to drive the corporate land acquisition strategy.