

Daniel Her

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EDUCATION

Western Governor's University <i>Bachelor of Science in Computer Science</i>	Salt Lake City, UT <i>August 2024</i>
University of California, Berkeley <i>Master's Degree in Social Welfare specializing in Strengthening Children, Youth, and Families</i> <i>Bachelor of Arts in Social Welfare</i>	Berkeley, CA <i>May 2022</i> <i>May 2019</i>

EXPERIENCE

Freelance Software Engineer <i>Self-Employed</i>	Millbrae, CA <i>July 2024 – Present</i>
<ul style="list-style-type: none">Developing business application to automate vendor purchasing process, saving ~\$2k in monthly operational costsCollaborating directly with client to gather business requirements and deliver highly customized software solutionsTranslating complex technical issues into clear, understandable concepts to help clients better understand constraints	
Children's Services Social Worker III <i>San Mateo County, Human Services Agency</i>	Belmont, CA <i>June 2022 – August 2024</i>
<ul style="list-style-type: none">Streamlined data entry, reducing paperwork generation time from 1.3 hours to 1 hour, a 25% efficiency gainPlayed a key role in providing user feedback to improve CWS/CMS, Okta, and Workday software applicationsStrategic problem solving with various stakeholders to foster successful outcomes including family reunifications	
Case Manager II <i>Asian Pacific Islander AIDS Center</i>	Los Angeles, CA <i>August 2019 - July 2020</i>
<ul style="list-style-type: none">Developed user guidebook for clients navigating resources, reducing the number of client help requests by 50%Leveraged advanced communication and interpersonal skills to troubleshoot technical issues for disabled clientsManaged database tools on organization application to track client progress and generate reports for outcomes	

PROJECTS

Visitor Counter <i>AWS, Terraform, YAML, Javascript, HTML, CSS, Python</i> github.com/DanielJHer/cloudresumechallenge	<i>October 2024 - Present</i>
<ul style="list-style-type: none">Deployed website using AWS S3, CloudFront, and Route 53, ensuring secure, global distribution via HTTPSIntegrated dynamic visitor counter using AWS Lambda, API Gateway, and DynamoDB with serverless infrastructureAutomated infrastructure management/deployment using Terraform and CI/CD pipeline with GitHub Actions	
BreadBasket <i>React.js, Node.js, MongoDB, Firebase, AWS</i> github.com/DanielJHer/BreadBasket	<i>July - October 2024</i>
<ul style="list-style-type: none">Developing an application using React.js for the frontend and Node.js for backend, deployed on AWS (EC2 and S3)Implementing Firebase authentication for user email login and MongoDB for database managementIntegrating email notifications with Nodemailer for order placements and generating daily instructions for workers	
Match Predictor <i>Python, Tkinter, Pickle</i> github.com/DanielJHer/Match-Predictor	<i>April - June 2024</i>
<ul style="list-style-type: none">Implemented machine learning model to forecast the number of online dating matches based on user attributesDeveloped an interactive user interface with Tkinter complemented with data visualization tools using MatplotlibSuccessfully applied Polynomial Features and Ridge Regression to achieve 85% accuracy rate in predictions	

TECHNICAL SKILLS

Languages: Javascript, Python, Java, C, C++, SQL, HTML, CSS, Terraform, YAML

Frameworks/Libraries: React, Node.js, Django, SpringBoot, Ruby on Rails

Developer Tools: AWS, Linux, Git, Github, GitLab, Docker Hub, Cypress, PostMan

Certifications: AWS: Certified Cloud Practitioner, LPI: Linux Essentials, ITIL 4 Foundation: IT Service Management