

# David McNeary

(541) 892-4133 | 4228 Gateway Avenue, Los Angeles, CA 90029 | [david@mcneary.tech](mailto:david@mcneary.tech)  
[mcneary.tech](http://mcneary.tech) | [linkedin.com/in/davidmcneary](https://linkedin.com/in/davidmcneary) | [github.com/dmcneary](https://github.com/dmcneary)

## PROFESSIONAL EXPERIENCE

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### Full-stack Web Developer

April 2023 – Present

*JAKKS Pacific Inc.*

*Santa Monica, CA*

- Migrated website and product catalog content from vanilla PHP into Wordpress CMS, slicing lead times for publishing new content from days to minutes via customized data import processing
- Created reusable UI components using JavaScript, PHP, and Liquid
- Improved web performance scores through front-end best practices and reduced time to first byte by 70 percent
- Administered and secured back-end webserver using WHM/cPanel; Reduced CDN and WAF costs by 52 percent

### Full-stack Web Developer

April 2022 – December 2022

*Archer Travel Service*

*La Crescenta-Montrose, CA*

- Fielded support requests for 10k+ users and triaged bug reports for travel agent portals, built on Ruby on Rails and Wordpress
- Recovered compromised WHM/cPanel, neutralized webshells, and further hardened Wordpress security
- Automated custom video rendering and distribution using Node.js, ExtendScript, and AWS (S3, CloudFront, and SES); improved asset production time by 93 percent

### Information Systems and Support Assistant

September 2021 – April 2022

*California State University, Northridge*

*Northridge, CA*

- Resolved service requests and software deployments on staff computers using ServiceNow
- Configured and deployed 40+ unit refresh of new laptop assets
- Performed repairs on Dell computer equipment, reducing asset downtime

### Web Content Assistant

March 2021 – September 2021

*Santa Monica College*

*Santa Monica, CA*

- Updated and organized content/assets
- Automated asset processing using Node.js, reducing projected completion timeline to 1-2 days from 1-2 weeks
- Augmented Omni CMS widgets adding custom accessibility features; cut turnaround versus vendor request by months

### Web Programming Intern

June 2020 - September 2020

*Think Electric*

*Eugene, OR*

- Fixed breaking changes and bugs in custom code while rebasing a 10 year old fork of open-source accounting software, using Perl and PostgreSQL
- Learned about ERP processes and SVN version control

## EDUCATION

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### California State University Northridge

Northridge, CA

*Bachelor of Science in Computer Science*

*August 2021 – May 2023*

### Santa Monica College

Santa Monica, CA

*Associate of Science in Computer Science*

*January 2020 – May 2021*

### UCLA Extension

Los Angeles, CA

*Certificate, Full-stack Web Development*

*December 2018 - June 2019*

## PERSONAL/SCHOLASTIC PROJECTS

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### Pocket Piano | *FreeRTOS, Arduino, ESP32*

- Designed and developed a musical instrument using FreeRTOS and Arduino IDE
- Implemented tasks for controlling pitch and octaves

### Resort Simulator | *Unity, Git, Jira, C#*

- Served as Scrum Master for a small team of game developers
- Implemented game menu functionality and refactored existing code
- Sourced free and open-source art and music assets

### Multimedia Systems Automation | *Python, MongoDB, AWS*

- Ingests data from Baselight and Flame machines per colorist marks
- Saves requests to cloud database instance
- Outputs CSV or XLS files with thumbnails for upload to Shotgrid