

# David McNeary

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## PROFESSIONAL TECHNOLOGY EXPERIENCE

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### Full-stack Web Developer

April 2023 – Present

*JAKKS Pacific Inc.*

*Santa Monica, CA*

- Migrated company webpage and product catalog content from vanilla PHP into Wordpress, reducing lead times from days to minutes for new web content by using datasheet imports
- Currently designing and implementing Gatsby SSG product catalog and e-commerce store with Wordpress and Shopify headless CMSs
- Improved GTMetrix performance score from C to A by implementing caching techniques
- Reduced CDN and WAF costs by 52 percent by integrating with Cloudflare

### Full-stack Web Developer

April 2022 – December 2022

*Archer Travel Service*

*La Crescenta-Montrose, CA*

- Fielded support requests and bug reports for travel agent portals, built on Ruby on Rails and Wordpress (10k+ users)
- Recovered compromised WHM, neutralized webshells, and further hardened Wordpress security
- Automated custom video rendering and distribution using AWS, Adobe CC, and Node.js; improved potential asset request turnaround time to 24 hours from 2 weeks

### 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 by 50 percent

### Web Content Assistant

March 2021 – September 2021

*Santa Monica College*

*Santa Monica, CA*

- Updated and organized assets via OmniCMS
- Automated asset migration processes using Node.js, eliminating need for manual entry and reducing projected completion timeline to 1-2 days from 1-2 weeks
- Implemented custom accessibility features to CMS widgets in lieu of submitting request to vendor; previous requests took months for response

### 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, using Perl and PostgreSQL
- Learned 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*

### Portland State University

Portland, OR

*Courses towards Bachelor of Arts in Art Studies*

*September 2010 - March 2011*

### University of Oregon

Eugene, OR

*Courses towards Bachelor of Arts in Photography*

*September 2007 - June 2009*

## 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

## PROFESSIONAL EXPERIENCE CONT.

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### **Teaching Assistant**

July 2020 - February 2021

*Trilogy Education Services*

*Remote*

- Supervised a cohort of 30+ students in a remote online learning environment
- Taught best practices in MERN stack web development
- Communicated using Slack, Canvas, and Zoom for student/staff coordination and instruction

### **Mechanic/Sales Associate**

November 2019 – June 2020

*Sole Bicycles*

*Venice, CA*

- Achieved record-breaking sales and service revenue during COVID-19 pandemic
- Answered and delegated incoming customer service tickets using ZenDesk and Shopify
- Diagnosed issues and performed assembly/repairs on new and used bicycles

### **Lead Service Technician**

July 2017 – June 2019

*Cynergy Cycles*

*Santa Monica, CA*

- Implemented new service menus and trained staff; coordinated remotely with co-workers for brand consistency and quality assurance
- Performed technical diagnostics on computer and network equipment in a retail environment
- Debugged e-bike firmware and hardware; assembled and repaired professional-grade bicycles

### **Service Manager**

July 2016 – July 2017

*Ride Brooklyn*

*Brooklyn, NY*

- Revised service menu, implementing new services and comprehensive packages
- Worked with staff across two stores to coordinate best practices in sales and support
- Collaborated with sales managers to write budgeted and predictive purchase orders

### **Delivery Lead**

November 2015 – July 2016

*UrbanStems*

*New York, NY*

- Oversaw team of couriers delivering gifts throughout Manhattan, Brooklyn, and Washington DC by bicycle
- Provided courier support and dispatching
- Cooperated with fulfillment teams to ensure accuracy of logistics and preparations

### **Service Manager**

March 2014 – August 2015

*NYC Velo*

*New York, NY*

- Coordinated service scheduling with sales team to effectively deliver repairs and new bike builds
- Created rental fleet maintenance procedures
- Wrote purchase orders and advised on product buying

### **Wheelsmith**

September 2011 – February 2014

*Rolf Prima Wheel Systems*

*Eugene, OR*

- Assembled new bicycle wheels and hubs; performed quality inspections and recorded irregular details
- Performed repairs on returned products and warranty claims
- Assisted with prototype builds and quality control testing
- Developed new build methods to improve efficiency; trained new employees in assembly strategies