

# MARCUS HALL

## Oracle certified Full stack Developer

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### SUMMARY

Full Stack Developer with over 10 years of experience in Java/JS, Angular, Vue, React, Python, NumPy, SciPy, Scikit-learn. Led development of \$500K research project which was deemed a "gold standard" by the client. Increased client's revenue 2-fold after fine-tuning AI/ML-based algorithms. Well-acquainted with HR methodologies.

### EDUCATION

#### M.S. in Computer Science

Stanford University

📅 2008 - 2009    📍 Palo Alto, CA

GPA

3.9 / 4.0

### EXPERIENCE

#### Senior Full stack Developer

Boyle

📅 2018 - Present    📍 San Francisco, CA

Boyle is an international Technology and Management Consulting Group with a rapid pace development and innovative solutions for demanding projects. I work as a full-stack developer here, responsible for building, deploying and maintaining internal web applications.

- Hired, trained and leading an Agile team of 7 full-stack developers
- Developed indexed database architecture using SQL procedures and triggers for 10 different applications
- Worked with Core Java to develop automated solutions to include web interfaces using HTML, CSS, JavaScript and Web services
- Worked with a committee of 6 members to organise fun-activities for the employees

#### Full Stack Developer

Lauzon

📅 2013 - 2018    📍 San Francisco, CA

Lauzon is a universal digital loyalty program that offers unique and fun rewards at the places you love.

- Hired, trained and lead Agile team of 7 full-stack developers
- Simultaneously created & maintained scheduled jobs in SQL Server for space maintenance and daily backups of system and user databases for 10 clients
- Increased company revenue by 30% within 2 months after developing and implementing business logic for over 20 features
- Designed and Developed UI design for over 15 clients using CSS, HTML, ASP.NET, Vue, and React; websites scoring over 85 on Lighthouse

### SKILLS

#### Client-Side

HTML    CSS    JS    Angular    React

Vue    Redux    TypeScript    Backbone

Bootstrap

#### Server-side

Python    NumPy    SciPy

Scikit-learn    Keras    Eli5

TensorFlow    MySQL    NodeJS

Redis    AWS    MongoDB    Spark

HTTP/2

#### Development & Operations

JUnit    NUnit    PyUnit    TestCafe

Mocha    Jest    Scrum    Agile    GIT

Azure DevOps

### PROJECTS

#### OpenFlow based Firewall

📅 08/2012 - 12/2013    📍 Palo Alto, CA

🔗 <https://github.com/danette.east/OpenFlow-Firewall>

OpenFlow protocol-based proactive Firewall in Python and NodeJS.

- Configured static rules using MD-SAL
- Engineered proactive rule evaluation system at OSI layer 7 using POX controller
- Provided flexibility to configure rule using centralised NodeJS based GUI

### STRENGTHS

#### Team Leadership

Introduction to Leadership course by Harvard

## EXPERIENCE

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### Solution Architect

#### Keeling Group

📅 2010 - 2013    📍 Palo Alto, CA

Keeling Group is a leading Digital Product Studio in California, helping companies to thrive on mobile apps, the web, VR/AR and IoT.

- Shortened project timeline by 14 months for company's largest customer by managing relationship with 3rd party vendors, saving over \$800K
- Led development of \$500K research project which was deemed a "gold standard" by the client
- Fine-tuned and developed AI/ML-based algorithms based on the results with Scikit-learn, increasing revenue 2-fold
- Performed Web Scraping over a catalog of 100K+ school supply products using mainly NodeJS and MongoDB; completed in 1 month

## STRENGTHS

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### Communication

Attended a Communication course at **Stanford**.