

# Richard Nguyen

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## EDUCATION

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### Oregon State University

December 2021

*B.S. in Computer Science; GPA: 3.84*

## EXPERIENCE

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### Software Development Engineer I | Amazon.com | Seattle, WA

February 2022 – March 2023

*Java, JSP, Typescript, AWS (CDK, S3, CloudWatch, Lambda, DynamoDB)*

- Worked on a Lambda service that provides customers real-time data on their AmazonSmile orders.
- Created a CloudWatch dashboard to monitor service health and measure key business metrics.
- Added CSRF token generation and validation for a service that displays campaigns on retail website.
- Implemented visual changes in AmazonSmile charity lists for desktops and mobile devices in order to adhere to legal requirements from a California charity regulation bill.
- Performed charity intake procedures to upkeep the % Back donation program for over 1.6 million charities across AmazonSmile regions in North America, U.K., and Germany.
- Improved user experience on charity onboarding website (OrgCentral) by fixing bugs in error handling.
- Enabled the ability for charity support contact form to process messages with special characters.
- Resolved over 250 on-call tickets by identifying and mitigating system impacting issues.

## PROJECTS

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### Portfolio Website

*Javascript, HTML, CSS, Semantic UI* | <https://richardvn.github.io/portfolio>

- Created a mobile-friendly portfolio website that showcases personal programming projects.

### Pathfinder

*Javascript, HTML, CSS, Semantic UI*

- Worked on a hiking web application that finds trails near a user-inputted search location, and provides gear recommendations and trail navigation.
- Designed a fitness level calculator that estimates user fitness level based off BMI in order to provide user-specific hiking trail difficulty recommendations.

### Witchcraft School Admin

*Python, Flask, PostgreSQL, Javascript, HTML, CSS, Bootstrap*

- Created a full stack school relational database management application that allows admins to create, update, and delete data for school personnel.

### MoodOrange – HackOR 2021

*Javascript, HTML, CSS* | <https://devpost.com/software/moodorange>

- Led a hackathon team of 4 people to create a mood diary Google Chrome Extension with customizable colors and songs within a 72-hour event period.

## SKILLS

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**Programming Languages:** Python, Java, Typescript, Javascript, HTML, CSS, SQL

**Tools:** AWS (CDK, S3, CloudWatch, Lambda, DynamoDB), Git, Bootstrap, Semantic UI, Flask, Docker