NGOC DAO

Seattle, WA

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Professional Experience:

Software Engineer, Amazon Web Service *June 2020 - present*
 • Working in Credentials Distribution team, implementing new features, maintaining services in Java and Python
 • Working with large scale distributed system that serves auto rotated credentials to million of hosts every hour
 • Responsible for DevOps tasks
 • Helping customers resolve technical problems.

Software Engineer, Blue Nile *October 2015 - June 2020*
 • Worked in Internal Automation Tool team to automate business jobs
 • Designed and developed software applications utilizing object-oriented programming languages, including Java and utilizing Spring Framework
 • Developed graphical user interfaces for web-based applications, using Angular and utilizing RESTful
 • Integrated Google Cloud API to internal services
 • Wrote test cases and performed unit and integration testing for developing software components, utilizing J-unit framework, and Bash scripting
 • Designed and implemented database schema, stored procedures, triggers and views in RDBMS

DePauw Alumni Engagement Intern, DePauw University *August 2013 – May 2015*
 • Prototyped Alumni Engagement websites using HTML, CSS and JavaScript
 • Managed video production for holiday and graduation ceremony

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Education:

DePauw University, Greencastle, IN   Major GPA: 3.9 / 4.0 - Cumulative GPA: 3.8 / 4.0
 • Graduated: May 2015   Major: Computer Science & Economics

Technical Skills:

 • Object Oriented Programming and Design, Web Development, Relational Database (Oracle, MySQL), No SQL database (DynamoDB), Spring MVC, Spring boot, Spring Hibernate, Angular and Git
 • Programming Language: Java, Groovy, Python, Ruby on Rails, HTML, CSS, JavaScript, TypeScript, PL SQL
 • Programming Environment: Linux, IntelliJ

Side and Class Projects:

 • *The Murder Mystery at DePauw* – a texted based game designed in Java
 • *The Fitness* – a web application built on Ruby on Rails and Nitrous.io
 • *Connect Four* – a board game designed in Java - created an AI using alpha-beta pruning algorithm for searching method

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Awards & Recognition:

 • Summa cum Laude
 • Phi Beta Kappa
 • Randal L. Wilson Memorial Award for Outstanding Economic Major Senior 2015
 • Computer Science Honor Society Spring 2015
 • Dean's List every semester
 • President's Award for Excellence

Honor Program:

Information Technology Associates Program Intern, DePauw University *Sep 2012 – May 2015*
  • Information and Technology Associates Program - a prestigious multidisciplinary program that teaches students a variety of technical and professional skills (4 rotations: Computer Service and Support, Digital Video Production, Audio Recording, and Web Development)