Rainier Harvey

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EDUCATION

B.S. Computer Science, March 2017
Western Washington University, Bellingham, WA

EXPERIENCE

Software Engineer – Nordstrom
Seattle, WA | March 2017 - Current
- Develop Spring Boot with MongoDB services to store, organize and persist millions of customers personal and account data across multiple Nordstrom channels and businesses to modernize customers access to Nordstrom's world class services
- Built CI/CD pipelines with automated testing in Mocha.js, Chai.js, Cucumber for gated merge requests, blue-green and canary deployments with Gitlab, monitoring and alarms with Cloudwatch and Data Dog, and application framework management with Serverless to maintain quality and agile customer centred services wherever and whenever they may be needed
- Develop, document and maintain Node.js gateway and shim services with Serverless for AWS Lambdas, API Gateway, Dynamo DB, R53 to support scaling for millions of daily requests at up to 150 TPS with authentication, orchestration and 99.99% up time and availability for a seamless, smooth and comprehensive customer experience
- Work with multiple teams, both internal and external vendors, to organize and orchestrate scenarios for the appropriate customer data to be easily available, visible, secure and transparent across all of Nordstrom's businesses and partners
- Architect, design and develop services to track customer identifiers across multiple platforms and services with Neo4j, Cypher and Spring Boot, allowing for a central view of a customer and their associations

Developer Internship – Nordstrom
Seattle, WA | June 2016 - September 2016
- Developing custom monitoring and visualization tools for AWS server analytics
- Worked with cloud services such as AWS EC2, ELB, IAM, S3, ClouldFormation, CloudWatch and Kinesis
- Automated deployments, configuration generation and documentation for new services to support Nordstrom's transition to cloud services

Developer Internship – Toolhouse
Bellingham, WA | May 2015 - September 2015
- Front and back end web development with Node.js, jQuery, Handlebars, SASS and version control with Git
- Develop custom desktop web applications with Electron.js for easy document and multimedia visualization and interaction
- Back end file management and cloud syncing with Google Go for a easy and secure global availability

Integrated Life Sciences Research And Development –
Department of Computer Science, Western Washington University | October 2015 - Present
- First of its kind centralized cloud computing web server to provide research tools and run bioinformatics models
- Developed in Golang and Angular to host the platform and track concurrent execution of models, sqlite3 to track users, models and results
- Designed, build and assisted in mentoring other teams on similar research & development projects

**LANGUAGES
AND SKILLS**

Languages – JavaScript, Java, Python, Google Go, C
Frameworks – Node.js, Serverless, Spring, Electron.js, jQuery
Databases – MongoDB, Neo4j, SQLite, MySql, Postgresql
Cloud Services – AWS, Firebase, Kubernetes, Google Cloud, Kafka
Repository Management – Gitlab, Github, Bitbucket
Personal Projects – https://github.com/euranium

ACTIVITIES

- Association for Computing Machinery national member
- Association for Women in Computer Science member