

# Vecheka Chhourn

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## WORK EXPERIENCE

### Engineer I

*September 2019 – Present*

Nordstrom Corporate, Seattle WA

- Writes automations to increase efficiency and speed up the process of circuit upgrades and migration for all of Nordstrom stores.
- Develops a web application that stores network configuration variables as a source of truth for network engineers to easily change/update before making pushes to network devices across the corporation as a full stack developer. Using a variety of frameworks and AWS services such as React, Nodejs, API Gateway, RDS, CloudFront, and Serverless.
- Develops network automation tools for network engineers to utilize, develops coding standard, manages Linux servers, manages open source, and proprietary software and help with managing and monitoring the network devices.

### Software Engineer Intern

*June 2019 – September 2019*

Nordstrom Corporate, Seattle, WA

- Worked in a network team where they specialize in network engineering, and helping the team migrating to automation by writing Ansible/Python scripts to turn configuration files into useable variables in YAML format for further use.
- Wrote Python scripts that used LiveAction API, and Datadog API to create metrics on Datadog of data flow information for easy accessible and further analysis.
- Implemented a Slack App integration with Cisco and Juniper devices for an ability to execute a show command on Slack and receive command output on Slack.
- Implemented a webserver for teams across Nordstrom to register their applications' IP addresses with our server to keep track of performance, and network traffic flow.

### Quantitative Tutor

*December 2017 – June 2019*

University of Washington, Tacoma, WA

- Enhanced students understanding in Computer Science & Mathematics
- Organized Math Workshops to increase students' academic success

## EDUCATION

University of Washington Tacoma,

BS Computer Science; GPA 3.65

## TECHNICAL SKILLS

### Languages:

- Most experienced in Java, JavaScript, Python, C; Some Experience in HTML, CSS, Node.js, React.js, SQL, PSQL, Ansible;

### Others:

- Object Oriented Programming; Data Structures; Search/Sort Algorithm; Algorithm; Observer/Observable Design, Machine Learning, Database, GitLab, AWS

## PROJECTS AND ACTIVITIES

### Image Prediction (Python/Keras/sk-learn/Machine Learning)

- Implemented Convolutional Neural Network (CNN) algorithm on public images to predict gender, and age group.
- Also, utilized Support Vector Machine algorithm provided by Python sklearn-lib to predict a person's personalities rating (1-5) using images.