CHRIS OH

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EDUCATION

University of Washington (Seattle WA)   June 2018
B.S. Information Science (GPA 3.6/4.0)

SKILLS

Front-End: HTML, CSS, React, Bootstrap, JS
Back-End: Python, Java, Node.js, SQL
Certifications: AWS Certified Solutions Architect and Developer Associate

EXPERIENCE

Hudson's Bay Company (New York, NY)   August 2018 - Present
Software Engineer
Manage backend servers for the checkout component. Designed a scalable service to handle customer's cart data using Kafka streams. Reduced $20M annual loss due to fraud or theft by incorporating new business logic.

Gilt (New York, NY)   June - August 2017
Software Engineer Intern
Created a microservice for a survey to collect customer user interface preference data. Leveraged PostgreSQL database to manage collected data. Designed the front-end implementation of the survey using Backbone.js.

Associated Students of UW (Seattle, WA)   September 2016 - June 2017
Webmaster
Solicited requirements to create webpages and utilize feedback from Board of Directors and media designers. Established a communication system for 68 members, resulting growth in collaboration. Updated websites for more intuitive user interface, improving session duration.

PROJECTS

Road.IO – Dash Camera Footage Platform   January - June 2017
Software Developer
Implemented micropayment API to manage user to user transaction with cashing out feature. Utilized the recent Firebase storage feature to manage user uploaded images.

Search Engine Query Suggestion Website   April- May 2016
Back-End Developer
Implemented a hybrid-trie data structure to withhold 7 million data entries, reducing memory. Deployed the project on Microsoft Azure platform, reducing server and storage setup time and costs. Applied the Levenshtein distance algorithm to retrieve results with misspelling to 1 degree.

LEADERSHIP

Informatics Undergraduate Association   Mar 2017 - June 2018
Director of Academic Support
Provide academic resources to Informatics students. Hosted and curated major events within the Informatics department.