

Arslan Rakhmankulov

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EDUCATION

University of Hawaii at Manoa. B.S. in Computer Science. 3.2 GPA

PROFESSIONAL EXPERIENCE

Software Engineer Intern. Intel Corporation

January 2021 – June 2021

- Full stack development of a data analytics and performance benchmarking website.
- Migrated project from Elasticsearch to MongoDB, all necessary queries.
- Took full ownership a data visualization feature from conception, to prototype, and then production.
- Overhauled the front page and implemented features to facilitate improved user experience, feedback, and data gathering.

Software Engineer Intern. DevOps. RadGrad.

Summer. 2020

- Researched for an alternate host that provided great monitoring tools, servers, and within budget
- Deployed to, provided documentation, research, and analysis of Microsoft Azure, AWS, GCP, Heroku, and Galaxy.

Web Designer. University of Hawaii

February 2020 – May 2020

- Implemented a redesign of the UH Manoa Asian Studies website. Generated traffic and exposure through marketing.

Bartender. Hakkasan/Herringbone.

July 2017 – Dec 2018

- 30 hours/week while full time in school. Lead the development of educational materials for training purposes.

Waiter. Bills Sydney.

April 2014 – Feb 2018

- 30 hours/week while full time in school. Promoted from Host > Lead Host > Busser > Runner > Waiter

EXTRACURRICULARS

2020 Hack'20 at University of Washington

- Designed and architected product features under a strict timeline.
- Instructed, planned, and delegated to a team of 4 other developers with minimal coding experience to create a web app.

2020 UH Manoa SURE Symposium

- Presented research on cloud platforms' performance, price, tools, scalability, etc. with comparison to each other.

2019, 2020, 2021 HACC - Hawaii Annual Code Challenge

- 4-week hackathon to help a local company. Description of the projects below.

PROJECTS

Clever Currency Exchange. – Personal Project

Java. Kotlin. Android. Computer Vision. Third-Party APIs. Gradle.

- Utilizing Google's Mobile Vision API for OCR, this app accurately and instantly converts currency by pointing the camera at a price tag, a sign, etc. This provides a solution for managing your money abroad, as it may be difficult with foreign currency.

Gaming the Archives (2020 HACC) -

React, Spring, Node.js, JavaScript. HTML. CSS.

- Set up CD/CI pipelines through Azure DevOps to manage cloud deployment
- Developed the front end with React to utilize our custom API.

GEMS Financing Program (2019 HACC)

MongoDB, Meteor, React, Node.js, JavaScript. HTML. CSS.

- Built a portal to automate the application and communications between contractors and the Hawaiian Electric company
- Developed the MongoDB database and front-end integration with React. Project is able to save 100's of man-hours.

Mythical Mysfits - AWS/Cloud Project.

AWS Fargate, Lambda, CloudFormation, CodeBuild, and more.

- Obtained hands-on experience on development and design for the cloud.
- Made a dynamic website with AWS Fargate. DynamoDB for data storage. User registration through AWS Cognito and APIs