

Arslan Rakhmankulov

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EDUCATION

University of Hawaii at Manoa. B.S. in Computer Science. 3.2 GPA. Expected graduation: **December, 2021.**

PROFESSIONAL EXPERIENCE

- Incoming Software Engineer Intern – Mobile App Development.** Leidos Spring. 2021
DevOps Intern. RadGrad. Summer. 2020
- Goal was to find an alternate host that provides great monitoring tools, servers, at a decent price point
 - I deployed to, provided documentation, research, and analysis of Microsoft Azure, AWS, GCP, Heroku, and Galaxy.
- Web Designer.** University of Hawaii February 2020 – May 2020
- Redesigned the UH Asian Studies website. Generated traffic and exposure.
- Bartender.** Herringbone. July 2017 – Dec 2018
- 30 hours/week. Took the lead in creating educational materials for training and continuous learning.
- Waiter.** Bills Sydney. April 2014 – Feb 2018
- 30 hours/week. Won several sales competitions. Promoted from Host > Lead Host > Busser > Runner > Waiter

EXTRACURRICULARS

- 2020 Hack'20 at University of Washington**
- Lead a team with minimal coding experience to create a web app.
 - The challenge here was balancing my own work while instructing, planning, and delegating to 4 other developers.
- 2020 UH Manoa SURE Symposium**
- Presented research on cloud platforms' performance, price, tools, scalability, etc. with comparison to each other.
- 2020 HACC - Hawaii Annual Code Challenge**
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- 4-week hackathon to help a local company. Description of the projects below.

PROJECTS

- Gaming the Archives (2020 HACC – Currently developing)** *PostgreSQL, 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's
- 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
 - I developed the MongoDB database and it's front-end integration utilizing React. Team worked in an Agile way.
 - Project in it's current form and function has the potential to save 100's of man hours.
- Mythical Mysfits - Amazon Web Services (AWS/Cloud) Project.** *AWS Fargate, Lambda, CloudFormation, CodeBuild, and more.*
- I wanted to know how to develop and design for the cloud. What better way to learn than to just do it?
 - Made a dynamic website with AWS Fargate. DynamoDB for data storage. User registration through AWS Cognito and APIs
- Clever Currency Exchange. – Personal Project** *Java. Kotlin. Android. Computer Vision. Third-Party APIs. Gradle.*
- My significant other and I love to travel. I could not find an easy way to quickly convert price tags, so I made an app for that.
 - Utilizing Google's Mobile Vision API for optical image recognition, I made an app that shows currency conversion by simply pointing the camera at the price tag, or a sign, etc.
 - Currently under development. Estimated to save hours of headache
- Account Management Database. – Class Project** *C. C++. Bash/Unix/Linux. Shell. TDD (Test Driven Development)*
- An account management database. Supports functions such as add, search, delete, and a few others.