HANNAH APUAN

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EMPLOYMENT

SendGrid, A Twilio Company, *Senior Software Engineer*, Denver, CO   Mar. 2021 - Sept. 2024
Backend engineer planning, leading, and working on on account model and billing engineering solutions with REST APIs in an AWS architecture. Experience in designing, building, migrating, and maintaining multi-product account model systems including moving on-prem microservices to an AWS architecture.
Skills: AWS (Lambda, SQS, SNS, SSM, API Gateway, Route53, CloudWatch, DynamoDB, etc), AWS Go SDK, Golang, Terraform, Chef, Buildkite, Jenkins, Docker, Splunk, Python, mySQL, REST, Kubernetes, Kafka

Software Engineer II, Denver, CO   Apr. 2019 - Current
Billing and compliance engineering solution with REST APIs. Experience in designing, building, and maintaining account model systems including moving on-prem microservices to an AWS architecture.
Skills: AWS (Lambda, SQS, SNS, SSM, API Gateway, Route53, CloudWatch, DynamoDB, etc), AWS Golang SDK, Terraform, Chef, Buildkite, Jenkins, Docker, Splunk, Python, Golang, mySQL, REST

Software Engineer I, Denver, CO   Sept. 2017 - Apr. 2019
Working on REST APIs and moving microservices to the cloud. Also product owner of the signup and login flow to increase customer growth through A/B testing.
Skills: Golang, AWS (DynamoDB, SQS, S3, API Gateway, Lambda functions, AWS Golang SDK), REST Architecture, Microservice Architecture, Buildkite, Terraform, ReactJS, Redux, Docker, Jenkins, JSX, Nginx, MVC, Typescript, Optimizely

Software Engineer Intern, Denver, CO   June 2017 - Sept. 2017
Creating an end-to-end classification system to build datasets for supervised learning models and making enhancements to developing machine learning models.
Skills: Go, Docker, ReactJS, Electron.io, NodeJS, MySQL, AJAX, jQuery, CentOS, MVC modeling

Level3 Communications, *Global Pricing and Marketing Intel Intern*, Broomfield, CO   Oct. 2016 - Apr. 2017
Automating large-scale SQL and Oracle database migration for financial analysis and creating Tableau telecom finance reports.
Skills: SQL Server, OracleDB, Python, R, ODBC, Tableau, Batch Scripting

Forsythe Security Solutions, *Architecture Delivery Intern*, Denver, CO   June 2016 - Sept. 2016
Using Apache Nifi, Nginx, Cassandra, and Docker to massage data and then to deliver securely payloads on a large scale from IoT devices to the Cloud.
Skills: Cassandra, CQL, CentOS, Apache Nifi, Nginx, Spring Cloud Dataflow, ApacheMQ

EDUCATION

University of Denver (2014 - 2017)
Bachelor of Science Computer Science
+ Mathematics Minor
+ German Language and Literature Minor

Signature School (2010 - 2014)
International Baccalaureate Diploma

AWARDS

Superior Execution Magic Owl Award, *Twilio*   Fall 2019
Awarded for leading a company-wide initiative for employees to donate at least 5% of their time to community service on a team that helped find, build, and advertise to the entire 10,000 person company opportunities to enable outreach.

1st place - Implementation of Aragon Governance, *ETHDenver Hackathon*   Feb. 2018
Project incorporating blockchain technology. Created a dApp using ReactJS, Node, Web3, Truffle, and Ganache (TestRPC) which integrated Aragon Governance to do custom namespacing for projects and serve the data using BigchainDB/IPFS/etc creating a completely decentralized swarm site for macro funding where teammates deployed a custom APM. All of this work was done during a sleepless 36-hour period at ETHDenver, the largest Ethereum hackathon / conference in the US.
Project Info: https://devpost.com/software/community-jumpstart

Outstanding Departmental Service Award, *University of Denver*   2017
Awarded for community involvement in initiatives to bring women into tech

GHC Scholar, *Anita Borg Institute*   2017
Sponsored by HP Enterprise in partnership with the Anita Borg Institute to attend Grace Hopper, the world's largest gathering of women technologists

2nd Place, *Startup Weekend DU*   Oct. 2015
52-hour competition to create a startup company called CampusNow with a function app for iOS and Android using Ionic

Aspirations in Computing - Indiana, *National Center for Women and Information Technology*   Apr. 2013
Award based on technology and computing; leadership ability; academic history; and plans for post-secondary education

ACTIVITIES

STEM Volunteering Club @ SendGrid, *Co-chair*   2017 - 2019
Leading, planning, and recruiting for STEM volunteering initiatives around the Denver area for SendGrid employees.

Women in Computing, *DU President and Co-Founder*   Dec. 2014 - June 2017
Improving gender equality in tech industry and academics

VOLUNTEERING

University of Denver *Mentor* Denver, CO   Nov. 2018
Mentor at the "Mentor for a Moment" event with the Ritchie School Engineering and Computer Science Department where I helped over 60 current undergraduate and graduate engineering students with career and academia mentorship advice.

HackCU, *Judge and Women in Tech Panelist*, Boulder, CO   2018 - 2019
In 2019. one of three professional judges to evaluate the prize winners. In 2018, Speaking on a panel to attendees of HackCU, Rocky Mountain Region's largest collegiate hackathon held at the University of Colorado Boulder, about being a women in tech.

ChickTech, *Keynote Speaker*, Denver, CO   Jan. 2018
Keynote speaker at the inaugural event for the Denver chapter to empower underprivileged female highschoolers to STEM fields, particularly tech.