

Alicia Piavis | Software Engineer

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Education

B.S. COMPUTER SOFTWARE TECHNOLOGY | 2020 | ASHFORD UNIVERSITY | GPA 3.99

M.ED. SECONDARY EDUCATION (SCIENCE FOCUS) | 2013 | HAWAII PACIFIC UNIVERSITY | GPA 4.0

B.S. BIOLOGY (PRE-HEALTH) | 2011 | UNIVERSITY OF NORTH DAKOTA | GPA 3.716 | SEMESTER ABROAD 2010

Professional Experience

SOFTWARE DEVELOPER | AIR COMMUNITIES (FORMERLY AIMCO) | DEC 2019-PRESENT

- Build and run support for multiple enterprise-level data integration solutions involving new and legacy code
- Data pipelines and data integration solutions involving REST API's, C# script tasks, data manipulation, CSV files and FTP
- Automation of data integration solutions using stored procedures and SQL Server jobs
- Support of an automated MS SQL Server database backup and restore process
- Learned Azure DevOps, Data Factory, Serverless Functions, and Azure CLI to contribute on an enhancement project
- Used Azure CLI to automate deployment to QA and prod environments for a data integration enhancement project
- Front End Lead for a Rulai (AI chatbot) development project
- Technical PM for a Rulai (AI chatbot) development project – team of 7 developers, including myself
- Built a new, automated Rulai outbound job and flow that texts apartment residents to offer a kitchen and bath upgrade
- Development of technical solutions using the Rulai platform (JavaScript-based) to meet business needs
- Leads bi-weekly huddles involving the development team and business stakeholders (including executives)
- Technical and non-technical communication with vendors, business stakeholders, and executives
- Onboarding of four off-shore development resources (Mexico and India)
- Change management, SOX compliance, SDLC, Jira workflow, and agile methodologies
- Within 3 weeks of hire: learned multiple new technologies, including SQL Server, SSIS, SSMS, & t-SQL
- Within 3 weeks of hire: restored a broken automated database backup process using SSIS
- Within 6 weeks of hire: used SSIS to build an enhancement on an ETL process to ingest data from a new vendor report, resulting in about \$60,000 of savings for the organization

SOFTWARE DEVELOPER APPRENTICE | TECHTONIC | JUNE 2019-FEB 2020

- Developer on an agile/scrum "Skill Base" project built with AntD, Javascript, React/Redux, MySQL, & AWS Lambdas
- Developer on a full-stack "Storage Share" application built with HTML, CSS, Javascript, React/Redux, Google Firestore & serverless functions
- Completed 14 weeks of formal classroom training in HTML, CSS, Javascript, Node.js, Express, React, Redux, MongoDB, Google Firebase, RESTful API, and Git
- Competitive software development apprenticeship sponsored by the Department of Labor
- Less than 10% of applicants were accepted into my cohort
- Ranked in the top 5 of my apprentice cohort upon completion of the 14-week classroom training & assessments

ENROLLMENT ADVISOR (MILITARY SPECIALIZATION) | ZOVIO / ASHFORD UNIVERISTY | 2017-2019

- Online education, educational sales, LMS training, basic technical support, academic coaching, and customer service
- Nominated and served on the Enrollment Services Advisory Board
- Developed and delivered a new training for colleagues aimed to improve student retention and success
- Awards: "Above & Beyond" (Q2 - 2018), "Top Performer" (Q1 - 2018), "Star Performer" April, 2018

PROGRAM MANAGER, EDUCATION | SAFETYSPOT.COM | MARCH 2017-AUG 2017

- B2B sales (SaaS)
- Delivered presentations about the Safety Spot cloud-based platform to technical and non-technical audiences
- Managed prospecting for leads within the education industry and facilitated lead generation
- Utilized HubSpot CRM to track leads in the sales cycle

HS/MS SCIENCE TEACHER | DENVER PUBLIC SCHOOLS 2016-2017 | HAWAII PUBLIC SCHOOLS 2013-2016

- Courses taught: HS Biology and Chemistry, MS Math and Science
- Classroom management (caseload of 140 students per year on average)
- Curriculum planning, design, and development, educational technology, technology troubleshooting
- Planned and organized the first Science Showcase for Northfield High School (2017)
- Planned student involvement in "World Cafe: CRISPR and Ethics of Genetic Engineering," a district-wide science event
- Taught students the scientific method, safety protocols, and scientific writing and communication

Certifications

CERTIFIED CONVERSATIONAL AI DEVELOPER | 2020 | RULAI

BLUE PRISM RPA DEVELOPER (LEVEL 100 AND 200 COURSES) | 2020 | REVEAL GROUP

8-MONTH SOFTWARE DEVELOPMENT APPRENTICESHIP | 2019 | TECHTONIC GROUP

47-HR WEB DEVELOPER BOOTCAMP | 2019 | UDEMY

7-12 SCIENCE EDUCATION TEACHING LICENSE | 2016 | COLORADO DEPARTMENT OF EDUCATION

7-12 SCIENCE STANDARD TEACHING LICENSE | 2014 | HAWAII TEACHER STANDARDS BOARD

Technologies

- MS SQL Server
- SSIS | SSMS | SSDT
- ETL
- Visual Studio
- SQL | t-SQL
- C#
- REST API
- JavaScript
- Rulai (AI chatbot)
- Azure Repos
- Azure CLI
- Azure Data Factory
- Azure Serverless Functions
- Node.js
- HTML
- CSS
- ReactJS
- Redux
- Express.js
- MySQL
- Git | CLI | GitHub
- GCP Firestore
- AWS S3
- PHP
- Python
- Java
- Mongo DB
- Cypress.io

Skills

- Agile & Scrum
- DRY code
- Error handling
- Troubleshooting
- OOP principles
- SOLID principles
- Change Management
- Research
- Documentation
- Collaboration
- Problem-solving
- Self-starter