

Andrew Trousil Bagan
920 W. Cherry St. Unit #2
North Liberty, IA 52317

<https://portfolio.andrewbagan.io>

andrewbagan2212@gmail.com | 319-371-6715

Objective:

- A full-time employment opportunity that will allow me to utilize my problem-solving skills, critical thinking, and attention to detail to further my abilities in computer science. I have been mainly focusing on cloud computing and development.

Education:

Kirkwood Community College, Cedar Rapids IA

- Associate Degree - 2018

University of Iowa, Iowa City IA

- Bachelor of Science, Computer Science
- May 2020 Graduate

W.B. Ray High School, Corpus Christi TX

- Graduated, June 2006

Selected Coursework: Intro to Computer Programming, Computer Science I: Fundamentals, Computer Science II: Data Structures and Algorithms, Discrete Structures, Network and Security, Algorithms, Databases, Advanced Databases, and Big Data.

Primary Languages: Python (3.x), C++, Java

Tooling, Services - Jenkins

Databases: MySQL, NoSQL, PL/SQL

Agile – Jira, Scrum

Containers - Docker

Front-End: JavaScript, Html, CSS, Django, Flask

AWS: Lambda, Boto3, API Gateway, DynamoDB, S3, IAM, EC2, CodePipeline, KMS, Route53, CloudWatch, SQS, SES, SNS, CloudFront

Version Control: Git

Experience:

- Winegard – 2006 – 2007
 - Assembly Line
- Ryan’s Steakhouse – 2007 - 2009(Closed)
 - Head Cook
- Heaven’s Best Carpet Cleaning (Closed) – 2009 – 2010
 - Lead Carpet Technician
- Eurest Services – 2010 – 2012
 - Regional Manager
- Shottenkirk Automotive - 2012 - 2013
 - Parts Department Warehouse
- Aegon Global Technology – August 20th, 2018 – May 31th, 2019
 - Position: DevOps Engineer / Cloud Automation Engineer - Intern
 - Architect/Developer for implementing and designing Automated Code Testing capabilities within their CICD pipelines.
 - A member of the DevOps training team.

Selected Projects:**Senior Capstone Project:**

- Designed and developed a scalable serverless location-based attendance tracker for the University.
- Front end in HTML, CSS, JavaScript
- Back-end utilized serverless AWS architecture. Building and deploying REST APIs in API Gateway to seamlessly communicate with front and back ends of the application.
- Leveraging the power of Lambda functions, with Boto3, to develop a cost-efficient modern-day solution.
- DynamoDB as the database created a robust and scalable architecture to build upon.

References Available Upon Request