

**Andrew Trousil Bagan**  
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**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 Informatics
- 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

**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**