

# Austin Spencer

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## EDUCATION

Fulton School of Engineering, Arizona State University, Tempe, AZ

May 2019 – May 2022

**Bachelor of Science (Computer Science)**

School of Biological Sciences, Illinois State University, Normal, IL

August 2015 – May 2019

**Bachelor of Science (Molecular & Cellular Biology)**

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## RELEVANT WORK EXPERIENCE

**Data Engineering Intern** – USAA, Phoenix, AZ

May 2021 – Aug 2021

- Migrating large data sets from on-prem to the cloud
- Using Snowflake, AWS, SQL and Informatica while working in an Agile environment
- Creating Python scripts to automate process of creating queries and validating data

**Solutions Center Intern** – Salt River Project, Phoenix, AZ

Nov 2020 – Apr 2021

- Provide phone/chat assistance to internal SRP clients
  - Perform problem-solving over the phone or through chat and determine appropriate course of problem escalation as required, while ensuring detailed written documentation
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## TECHNICAL SKILLS

- Programming Languages: Python, Java, C++, Go, JavaScript, SQL, HTML, CSS, Prolog, MATLAB
  - Databases/Frameworks: Redis, Docker, Vue.js, Kubernetes(CI/CD), Agile
  - Software Packages/Services: Github, Visual Studio Code, Snowflake, Control-M, Informatica, Google Cloud VM, AWS ec2 Instance, Git, Microsoft Office, C Lion, UNIX/Linux Terminal, NetBeans, Eclipse, ServiceNow
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## EXTRACURRICULAR PROJECTS

### Algorithmic Trading

- Stock trading algorithms built with Python and interacts with Alpaca Trading API
- Containerized with Docker to allow quick and reliable non-stop running
- Skills Used: Python, API access, Database, Docker, Kubernetes, CI/CD

### Twitter Bot

- Built with Python and interacts with Twitter API
- Deployed on Google Cloud VM instance within a Docker container
- Skills Used: Python, cloud deployment, API access, Database, Docker, CI/CD

### Personal Website

- Front-end built with Vue.js and Vuetify
- Back-end built with Go and implements Redis database for storing values
- Skills Used: HTTP server, back-end (API design), Go, JavaScript, Docker, Kubernetes, HTML, CSS, CI/CD

### Full Stack Meteor Application

- Built with Vue.js and MongoDB to track and improve stock and options trading
- Web application containerized with Docker and deployed in Kubernetes
- Skills Used: Vue.js, API access, Database, Docker, JavaScript, Kubernetes, CI/CD