Alexander E. Dziarnowski
Cloud Developer

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Summary

I am a recent college graduate looking for an entry-level position in either cloud computing, software engineering, or FinTech. I have experience in complex financial research, including analyzing financial statements, reviewing trends in the FinTech industry, and evaluating company performance. I also have knowledge and skills in cloud computing including Java, SQL, and Python. I am hard working, energetic, and eager to learn new skills.

Work Experience

Ampcus Incorporated, Chantilly, VA   (June 2019 - August 2019)
Finance Intern

- Explored investment opportunities by interviewing prospective startup companies on the east coast
- Socash (*www.socash.io*)
  - Generated financial analyses for a fast-growing Fintech app ranked in the top 10 of Google Play Singapore
  - Developed a frontier analysis comparing the S&P 500 to all fintech stocks with an IPO in the past 4 years
  - Determined optimal points of investment for investors interested in Socash
  - Facilitated financial and company information written in the initial draft of the SEC S-1 form

Education

Virginia Polytechnic Institute and State University (Virginia Tech), Blacksburg, VA   (Aug 2016 – May 2020)

- Bachelor of Science, Finance (Investment Management and CFA)

Skills & Interests

Skills: AWS, Salesforce, Java, Microsoft Office, Excel Modeling, SQL, Python, Git, Web Programming
Interests: Investing, Fantasy Sports, Gaming

Certifications

- Salesforce Administrator
- Amazon Web Service Solutions Architect Associate
- Amazon Web Service Developer Associate
- Amazon Web Service SysOps Administrator Associate

Personal Projects

Cloud Resume Challenge   (July 2020 - Present)
https://alexdziarnowski.com/

- Designed a serverless web hosting website intended for large-scale and high-volume traffic
- Deployed code to AWS SAM, CloudFormation, and GitHub using Git commands
- Configured workflows (CI/CD) composed of Python unit testing and GitHub actions to automatically test and deploy code to my serverless architectures
- Incorporated open source tools, automation, and Cloud resources to cut down repetitive tasks
- Protected user data by enabling encryption in transit (HTTPS) through Certificate Manager and CloudFront
- Produced a view counter to count web page visits using JavaScript, REST API, Lambda, and DynamoDB

Benny's Social Media   (April 2020 - Present)
http://bennyfromblacksburg.com/

- Formed a web server running on Amazon Linux AMI EC2 instances
- Uploaded JPEG files to S3 and embedded the S3 file link in the web server's HTML
- Created a MySQL database through Amazon RDS and managed the database through MySQL Workbench
- Configured a text box and button to record user comments to the MySQL database
- Designed a text chat to gather and display user comments from the MySQL database
- Implemented the principle of least privilege by managing IAM security policies

Competitions

Virginia Tech Counter-Strike Team   (August 2016 – May 2020)

- Competed at a high level in over 20 online and in-person competitions including Cstarleague, NACCS, and Corsair
- Led my team to a top 30 ranking in North America during my senior year

Cyberpatriot   (December 2015)

- Located and removed security threats found within Windows and Linux operating systems