Alexander E. Dziarnowski

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Haymarket, Virginia

Work Experience

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

Finance Intern

- Worked with the Ampcus COO in exploring investment opportunities by connecting with prospective startup companies seeking funding
- Analyzed financial data using Yahoo Finance, Morningstar, and Google search to evaluate company's past and current performances; developed trend analysis, and projected results in making decisions
- Assisted in Developing Socash IPO (www.socash.io)
  - Projected yearly return for Socash upcoming IPO
  - Developed a frontier analysis comparing the S&P 500 to all fintech stocks with an IPO in the past 4 years
  - Determined the optimal point of investment that each investor should contribute into the IPO
  - Gathered information to write part of the initial draft of the SEC S-1 form

Education

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

Interests: Investing, Fantasy Sports, Gaming

Certifications

- Salesforce Administrator
- AWS Solutions Architect Associate
- AWS Developer Associate
- AWS SysOps Administrator Associate

Personal Projects

Benny's Social Media	(April 2020 - Present)

http://bennyfromblacksburg.com/

- Developed 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
- Edited PHP and CSS files through a text editor
- Created a MySQL database through Amazon RDS and managed the database through MySQL Workbench
- Designed a text chat to record user comments
- Established my own domain using Route53
- Routed traffic from Route53 to an ELB to my EC2 Instances
- Managed security using IAM policies and followed the guidelines of the principle of least privilege

Resume Challenge	(July 2020 - Present)

https://alexdziarnowski.com/

- Used AWS S3 static web hosting to store and host the front end
- Protected data using encryption in transit by enabling https in CloudFront
- Created a custom domain in route53 that points to the CloudFront distribution
- Wrote JavaScript in html code to display a view count in the top left
- Built a SAM (Serverless Application Model) template to implement IaC (infrastructure as code)
- Included all serverless architectures such as DynamoDB, API Gateway, and Lambda in SAM
- Used GitHub as a repository and configured GitHub Actions to appropriately communicate with AWS (CI/CD)
- Created a Python function to test code before it is deployed from GitHub to AWS