

Dan Niyazov

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OBJECTIVE

To contribute extraordinary efforts for the achievement of organizational goals while improving personal skills in order to enhance productivity and learn to utilize emerging technologies working in a fast-paced environment.

SUMMARY OF SKILLS

- **Programming Languages:** Java, C/C++, Obj-C
- **AWS Services:** S3, EC2, RDS
- **Front-End Web:** HTML, Node.js/JavaScript, HTML5, CSS3, Bootstrap
- **DBs:** MySQL, PostgreSQL
- **Distributed Solutions:** AWS Lambda
- Strong quantitative and analytical skills. Strong background in mathematics and statistics with research, data analysis, and problem-solving abilities
- Strong familiarity with *nix and DOS based operating systems

EXPERIENCE

Finance Analyst/Software Developer – Radium2 Capital *February 2018 — Present*

- Design and develop Merchant Cash Advance ROI calculator to quickly analyze investment strategies
- Analyze data models and streamline processes for more efficient workflow models

Freelance Software Developer *February 2013 — Present*

- Architected and developed Cryptocurrency Price Analyzer using Amazon Web Services platform. Multitier application consists of the following features
 - Data Storage - Collected JSON data from multiple exchanges saved to a AWS PostgreSQL RDS
 - Visualization - Produced fully-interactive charts utilizing Tableau 10.5
 - Amazon Alexa Skill – To query active currency exchange rates, using Node.js/AWS Lambda & REST services
- Designed and developed more than 30 low level iOS software packages
 - Includes commercial and open source products
 - Managed customer service, and PR for end users
 - 100k+ users (net) 2+ million downloads
- Provided 1-on-1 technical support via email and phone, and in person
- Performed on-site software maintenance for end users
- Worked with databases in order to speed up implementation of assets
- Statistical Analysis and manipulation on large data set using statistical package (R)
- Created reusable components and fun interactive games (Bridge card game) using Java
- Created multithreaded code extraction tool (CodeCheck) to streamline grading process and plagiarism checking
- Developed and maintain reusable code libraries to help build streamlined and efficient development/testing processes

Teaching Assistant – Computer Science III (CSE219) *August — December 2017*

- Developed communication skills explaining programming concepts to a group of 50 students
- Assisted students enrolled in advanced programming language course
- Explained complex concepts in small group setting
- Held office hours for individual student discussion

EDUCATION

SUNY Stony Brook

BS Applied Mathematics & Statistics, minor in Computer Science
Graduated: Dec. 2017