

George Lee

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experience

Accenture - Data Engineer

Washington, DC • July 2018 - Present

- Built python programs interfacing with Oracle, Greenplum Azkaban, and JIRA API to automate runbook processes.
- Automated periodic cross database consistency verification process leading to an increase in efficiency by 93.4% and removing human element and possibility of human error.
- Automation potentially resulted in higher overall productivity, 150 hours/mo+ time savings, and \$10k/mo+ reduction in costs.

Dark Sonar - Founder/CEO

College Park, MD • 2016 - 2018

- Founded cybersecurity company that prevents real-time cyber threats and fake content on web and mobile applications.
- Scaled software product and API with Heroku and Amazon Web Services to support 5+ million requests per day in over 80 countries with consistent 100% uptime.

Activity Rocket - Software Engineer

Bethesda, MD • 2013 - 2017

- Managed software engineering, security, and documentation up until company acquisition reducing overall inefficiency by 60%+
- Completed migration of front end software to cloud based architecture resulting in cost savings of over 75% per month on cost of software hosting

New Markets Venture Partners - Associate

College Park, MD • 2016 - 2017

- Generated deal flow, reviewed business plans, and performed due diligence of companies in the education space.
- Constructed financial and valuation models, sample deal screens and investment memos for portfolio companies.

leadership

39 Advertising Group - Advisor

Jersey City, NJ • July 2018 - Present

- Cross border social media marketing venture connecting Chinese consumers to brands through international influencers.
- Managed technology, outreach, branding, and researched the interconnection between Chinese and American cultures.

Robert H. Smith School of Business - Teaching Assistant

College Park, MD • 2016 - 2018

- Instructed students in two advanced 300/400 level courses: corporate finance and applied equity analysis.
- Developed test questions, graded homework assignments and discounted cash flow projects, held exam review sessions, and graded midterm and final exams each semester.

Community of Aspiring Shareholders - President

College Park, MD • 2016-2017

- Lead the business school's only investing and finance club and increased membership of club by 120%.
- Managed club financials, promoted the organization and partnered with guest speakers from financial services and other professional services companies.

education

University of Maryland

B.S. in Finance | GPA: 3.9
Class of 2018

Program Specializations:

Venture Capital & Private Equity '16-'17
Quantitative Finance '17 - '18

links

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engineering

Python | R | PHP | HTML
CSS | Shell | SQL | MongoDB
Linux & Unix Environments
JavaScript (Node.js)
Ruby (Rails, Sinatra)
Scikit-learn, Keras, Tensorflow

tools

AWS (S3, EC2, Lambda, RDS)
Heroku
Digital Ocean
Git & Github

finance

Bloomberg BMC
Options Trading

certifications

ICAgile Certified Professional (ICP)
DataCamp Machine Learning

awards

Rudy Awards
May 2018 - Entrepreneur of the Year
Pitch Dingman Competition
March 2018 - Third Place
American University Entrepreneurs Cup
April 2018 - Audience Choice

projects

Quant Trading Algorithm

November 2017

Developed equity trading algorithm designed to trade off of specific mathematical indicators.

Rewards Live

2012 - Ongoing

Developed web app with PHP and SQL that serves 5k+ users with ads through different ad agencies.

Quiz Chest

Ongoing

Developed web app in Code Igniter PHP framework that monetizes coregistration advertising through quizzes.