JORDAN LEE

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Education

2019-2020 **CORNELL TECH AT CORNELL UNIVERSITY** **New York, NY**
Master of Engineering in Computer Science, May 2020
Honors: Cornell Tech Merit Scholarship

2010-2014 **US COAST GUARD ACADEMY** **New London, CT**
Bachelor of Science, Electrical Engineering, May 2014
With Honors, Project Lead of IEEE 1609 influenced AIS research paper published on IEEE

Experience

2019 **CUBIC TERALOGICS** **Ashburn, VA**
Software Engineer
Conducted feature and maintenance development on Unified Video, a cloud-based enterprise streaming platform. Coded, tested and shipped multiple releases.

- Designed API improvements, enhancing end-user experience
- Improved application security by adding automatic verification functionality
- Optimized Unified Video upgrade process to exploit concurrency
- Implemented Grunt.js scripts for CI/CD pipeline, automating system build process
- Developed Mocha.js tests to improve API testing coverage.

2017-2019 **US COAST GUARD** **Alexandria, VA**
IT Systems Project Manager
Telecommunication and Information Systems Command project officer, executed IT systems acquisitions on behalf of US Government and oversaw contract formation

- Lead 6-person systems engineering team thru 3 connectivity system upgrades, managed project scope, budget and schedule, certified PMP
- Spearheaded mobile networking and deployment strategy, gained key stakeholder support, improved fleetwide connectivity by 50%
- Managed $8mil services contract, approved multiple contract extension packages

Projects

Fall 2018 **Raven's Progressive Matrices - AI Agent**
Knowledge-based Artificial Intelligence
Created an AI agent that used computer vision, case-based reasoning and semantic networks to solve 70% of the testing set

Portfolio Optimization Application using Machine Learning
Decision Tree Learner with Bootstrap Aggregation, improved simulated return vs SP500 by 10%

Skills

Languages: NodeJS, Python, Java *Frameworks:* React