

Matthew Ung

<https://github.com/MatthewUng>

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EXPERIENCE

- **Rubrik** Aug 2019 – Present
 - Software Engineer*
 - Built out and integrated generic data ingestion framework as the team looks to centralize data paths for different data sources
 - Developed new job monitoring feature through successful execution and thorough understanding of product initiatives and testing infrastructure
 - Orchestrated and re-architected reporting framework to a general platform to facilitate future development of new reports for other feature teams
- **Rubrik** Jun 2018 – Aug 2018
 - Software Engineering Intern*
 - Provided design for and produced a comprehensive testing framework that allows for easy execution of existing tests with docker
 - Collaborated with existing engineers to ensure delivery meets project requirements and product is intuitive from a UX perspective
- **UCSD** Sep 2017 – Aug 2018
 - Teaching Assistant*
 - Held office hours for Computer Science department's undergraduate Theory of Computation course
 - Collaborated with instructors to organize course structure and held discussion sections for the Mathematics department's undergraduate Linear Algebra and Multi-variable Calculus courses
- **Jet Propulsion Laboratory** Jun 2017 – Sep 2017
 - Software Engineering Intern*
 - Designed and implemented support ticket submission feature in C# for the software installation framework
 - Produced visualizations of company-wide installation data with Pandas and Seaborn to quantify the effectiveness of the installation workflow
 - Created python script to validate directory consistency across different workspaces by comparing file hashes

EDUCATION

- **University of California San Diego** Sep 2015 – Jun 2019
 - BS Computer Science & BS Mathematics Double Major; Major GPA: 4.00*
 - **Relevant Coursework:** Data Structures, Algorithms, Database Principles, Operating Systems, Abstract Algebra, Combinatorics, Real Analysis

SKILLS

- **Languages:** Golang, Python, SQL, Java, Scala, Typescript, C++
- **Technologies:** Git, Vim, Bash, GKE, K8s/Docker, React, GQL
- **General:** Bilingual(English/Mandarin)

AWARDS

- UCSD's Dean Undergraduate Excellence Award (Among 40 awardees in 2019)
- Putnam Exam Score: 18 (Top 800 of 3000)
- WIC's Beginners' Programming Competition (4th place out of 70+ participants)
- American Invitational Math Exam Qualifier (Top 5% of 55k+ Worldwide)