

Bryant Duong

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EXPERIENCE

UnitedHealth Group (Optum)

Senior Software Engineer – Telecommute
Software Engineer – Telecommute

Phoenix, AZ

March 2022 – Present

January 2020 – March 2022

- Conducted over 30 new hire software engineer interviews and over 10 peer and performance evaluations for our early career development programs
- Maintained production instance of Apache Airflow throughout 2020- 2021 to automate the scheduling of our production and non-production pipelines, consisting of over 80,000 jobs written as Windows batch, Linux shell scripts, and IBM Mainframe JCL.
- Led 4 teams of undergraduate summer interns that modernized existing data pipelines and presented work to executives.
- Delegated daily tasks to junior developers in an Agile workflow and gave technical presentations to senior leadership.
- Constantly applied exploratory data analysis techniques, data cleaning methods, and machine learning algorithms/ensemble methods to various claims issues.

National Security Agency

Software Engineer

Fort Meade, MD

June 2015 - March 2018

- Top Secret/Sensitive information security clearance with a polygraph while attending school as a full-time employee.
- Designed and developed a metadata extraction module for digital communication protocols.
- Performed analysis on a wide variety of raw traffic, containing unknown structures.
- Collaborated with customer analysts to present identifiers of interest within raw traffic in a specialized format to allow them to effectively query database results.

EDUCATION

University of Pennsylvania | Masters in Computer & Information Technology (MCIT)

January 2023 - TBD

University of California, Davis | Masters in Business Administration - MBA

2022

- Cumulative GPA: 3.83/4.0

University of California, Berkeley | Bachelor of Arts in Cognitive Science

2018

- Regents' and Chancellor's Scholarship

SKILLS

Programming Languages: Python, R

Data Science & Miscellaneous: ETL, Statistics, Docker, Kubernetes, Excel, Git, Agile management

RELEVANT COURSEWORK

Management: Individual & Group Dynamics, Public Speaking, Organization Strategy & Structure

Software Engineering: Data Science & Machine Learning, Data Structures, Computer Architecture

Math: Single Variable Calculus, Discrete Math, Linear Algebra, Statistics