

Matt Drake

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EXPERIENCE

INTERNAL REVENUE SERVICE | DATA ANALYST

Apr 2018 – Jul 2020 | Washington, DC

- Developed data scraping features for a **C++** desktop application, unblocking a project **recovering \$200m/yr**
- Designed and built a data pipeline using **Python**, **R**, and **SQL** to improve a case routing system. By leveraging improved models, the top 20% of recommended cases cover 90% of delinquent balances.
- Wrote **Python** software to produce public tax tables based on new tax reform policy

BUREAU OF ECONOMIC ANALYSIS | DATA ANALYST

Aug 2016 – Apr 2018 | Suitland, MD

- Automated a weekly ETL process using **Python** and **SQL**, **reducing required person-hours by 96%**
- Pitched and created a documentation site for a 15 person team using **JavaScript**, **HTML**, and **CSS**
- Collaborated across functional teams to develop data ingestion procedures

US ARMY | NETWORK ENGINEER

Jul 2009 – Apr 2013 | Schofield Barracks, HI

- **Led a team** of six network and SATCOM engineers responsible for rapidly building network infrastructure in remote locations

PROJECTS

MUSIC PIPELINE | [HTTPS://GITHUB.COM/DRAKE6M/MUSIC-PIPELINE](https://github.com/drake6m/music-pipeline)

A single-page application that aggregates upcoming albums. Built with **TypeScript**, **Node.js**, **React**, and **Google Cloud**

EDUCATION

OREGON STATE UNIVERSITY | B.S. COMPUTER SCIENCE

Sep 2020 - Aug 2021 (Expected) | Corvallis, Oregon | 3.93 GPA

APPALACHIAN STATE UNIVERSITY | B.S.B.A. ECONOMICS, MINOR IN MATHEMATICS

Aug 2013 - May 2016 | Boone, NC | 3.62 GPA

SKILLS

LANGUAGES

Current: TypeScript, JavaScript, Python, SQL, Bash, HTML, CSS

Familiar: C, C++, Java

Interested in: Go, Rust, Scala

FRAMEWORKS/LIBRARIES/MISC.

Node.js, React, Express, Tailwind CSS, Chai, Flask

TOOLS

Git, Linux, Docker, Google Cloud (App Engine, Datastore), CI/CD (GitHub Actions), Postman, Vim, Agile