

Ethan Kripke

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Education

Harvard University

May 2020

- A.B. in Computer Science, GPA 3.5
- Selected Coursework: Systems Security, Big Data Systems, Systems Programming, Networks, Data Visualization, Data Science & Ethics, Data Structures & Algorithms

Work Experience

Google - Engineering Resident

July 2020 – Present, NYC

Corrux GmbH - Backend & Data Intern

Summer 2019, Munich

- Developed a platform in Python to analyze CAN-bus data from industrial machinery
- Helped migrate backend to micro-services, configured CI/CD with Azure Pipelines
- Set up InfluxDB and developed data pipeline, resulting in a 30x speedup
- Designed, installed, and troubleshooted custom industrial-grade telematics solutions

Naval Surface Warfare Center - Software Intern

Summer 2018, Philadelphia

- Automated collation of data from destroyer-class ships, saving 7 person-hours/week
- Created tool for hardware engineers to view and compare interpreted ship data
- Tested ship control consoles, using simulated propulsion and electric plant signals

Harvard Summer Coding Academy - Instructor

Summer 2017, Cambridge

- Designed lesson plans, gave lectures, and provided feedback for an introductory programming course for high school students.

Technical Skills

C, C++, Python (Flask, Pandas), SQL

HTML, CSS, Javascript (D3.js)

AWS (S3, Lambda), Azure (Storage, DevOps, Pipelines)

Interests

Music/Drumming - Hasty Pudding Theatricals VP, Harvard Jazz Band, also play Cuban percussion, piano, and guitar

Running - Philadelphia Broad Street 10 Miler

Cooking, Baking, Whetstone-sharpening