CAMERON GRAYBILL

SOFTWARE ENGINEER

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EDUCATION

M.S. Computer Science
Drexel University
2017 – 2019

B.S. Computer Science
Algorithms and Data Structures
Drexel University
2014 – 2019

KEY SKILLS

DevOps	C++
CMake	Python
Event Loops	C#
Django	Typescript
Docker	Node.js
Kubernetes	Linux
GitLab	GitHub
Perforce	TeamCity
PyCharm	Redis
Ansible	Azure
Agile	Jira

PROJECTS

SHELVES
Cross platform mobile app
Cloud-based infrastructure
2020 – Present

CAN DEUX
PhillyCodefest 2018 Winner
Smart Recycling Bin
2018 –2019

ADVENT OF CODE 2020
Exploration of Rust
Coding Challenges
2020

PROFESSIONAL PROFILE

Jack of all trades backend software engineer with a passion for new technologies - spends more time watching tech talks and conferences than anyone should. Backend web development and code optimization background with a more recent interest and commitment to infrastructure tooling and DevOps mentality. 5+ years of software engineering experience, spanning fields from data storage, to distributed system design, to network outage simulation.

EXPERIENCE

SENIOR SOFTWARE ENGINEER, ENTERPRISE BACK-END
RocketReach.co / Remote / 2021– Present

RocketReach provides a service for finding professionals and their contact information based on various search parameters.
- Optimized existing high traffic pages for better SEO performance
- Extracted event data from historical data to create trends
- Managed AWS based virtualized infrastructure

SOFTWARE ENGINEER, MARKET DATA
Susquehanna International Group / Bala Cynwyd, PA / 2016 – 2021

Market Data at SIG takes in over 100 TB of data per day, processes it and redistributes it in real time for automated trading systems and traders to consume. I filled engineering and research roles in the Market Data Frameworks team.
- Migrated team from virtual machines to Kubernetes deployment environment, reducing data center memory footprint by 75%
- Wrote tooling for parsing and handling live network data from exchanges all over the world with absolute minimum overhead
- Designed and implemented distributed event framework for tracking performance and notifying consumers of changes to data archiving system
- Simulated network outages and routing based on router configuration and proposed configuration changes between data centers across the world

TEACHING ASSISTANT
Drexel University / Philadelphia, PA / 2016 – 2019

MESSAGING ENGINEER, CO-OP
Comcast / Philadelphia, PA / 2015 – 2016

The messaging team worked on email and voice backends for Xfinity products. The co-op program includes working on a cross team R&D project of all co-ops.