Korede Aderele korede@drexel.edu
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Experience

Co-founder and CTO
Rivet Inc. *June 2020 - Now*
- Served as Co-founder, iterating on a product from concept stage and launching to real users
- Built out a self-service CRM for independent artists and creators to track and engage with their top fans
- Integrated with a number of services for sending email, hosting content and serving a dynamic Link Hub for users
- Setup pipelines for ingesting analytics data via Segment and Postgres, and presenting them to users in our app
- Hired and lead a team of engineers and students to build out features and support users

Software Engineering Intern
DarkLang Inc. *April - August 2019*
- Worked on a holistic programming language including a structured code editor and infrastructure tooling
- Made cross-functional contributions in a small development team in the critical months preceding launch
- Specified and built out functionality for arbitrary clipboard actions (copy, cut and paste) in a structured editor, while preserving validity of the Abstract Syntax Tree

Engineering Practicum Intern, Brain (ML)
Google Inc. *June - September 2018*
- Worked on the TensorFlow Extended (TFX) team building a tool for simulating training pipelines for machine learning models, using *Go*, *C++* and *Borg (Kubernetes)*
- Applied my knowledge of open source infrastructure tooling in writing a proposal for flexible and OSS-friendly state management in ML training pipelines

Software Engineering Intern, Infrastructure
Coinbase Inc. *April - June 2018*
- Built out self-service infrastructure tool to protect codified infrastructure changes by consensus mechanisms.
- Explored potential libraries and tools for the "paved road" for internal Golang services
- Learned and utilized a range of tools including *Go*, *Docker*, *Terraform* as well as Amazon Web Services tools including *SQS* and *Lambda*

Engineering Practicum Intern, Display Ads EngProd
Google Inc. *June - September 2017*
- Worked alongside another intern to develop a database debugging tool for infrastructure engineers, which leveraged the *Polymer* web framework, *gRPC* and *AppEngine*
- Added a useful feature to a widely-used internal *Polymer* component library
- Optimized the machine learning feature extraction pipeline of a separate project using *Go*

Education

Bachelor of Science in Computer Science
Drexel University
September 2016 - June 2021

Skills

Programming Languages
I'm proficient in or have written production code with *Go*, *TypeScript/JavaScript*, Python, *C++, Ocaml, Rust, HTML/CSS* and *SQL*
I am decently familiar with *Haskell*, *Racket (Lisp)*, *Elm*, *C, C#, and Java*

Frameworks and Tools
I've made use of the following libraries/frameworks in side projects or at work: *Django, Polymer, React, gRPC, Express.js, Bootstrap, Tachyons*
In my day-to-day programming workflow, i make use of the following tools very heavily: *Vim*, *Bash / iTerm*, *RipGrep*, *Tmux, Git/Github*

Development Platforms
I've made use of the following development platforms in production environments and side-projects: *AWS, GCP, Heroku, Netlify, Now.sh*

Applications
I'm familiar with the following software applications: *Microsoft Office Suite (Word, Excel, Outlook and Access)* and *Google Docs Suite*
I also have experience with CAD and GIS tools including *AutoCAD*, *Sketchup 3D* & *Google Earth* & Leaflet.js

Other Skills
Some other skills I possess include *Public Speaking*, *Product and Visual Design*, *Communication and Collaboration in a team setting*, *Agile Project Workflow (Scrum)*, *Leadership in various size groups* and *DSLR Photography*

Spoken Languages
I'm fluent in English, Yoruba and Nigerian Pidgin

Leadership Roles and Awards

2020 Fellow, Interact Fellowship
Interact Fellowship *March 2020 - Now*

Project Lead, Senior Design Project
Drexel University, College of Computing and Informatics
September 2019 - May 2020

Treasurer, Drexel University Chapter
National Society of Black Engineers *June 2018 - August 2019*

Resident Assistant
Drexel University *September 2017 - March 2018*

Telecoms Chair, Drexel University Chapter
National Society of Black Engineers *June 2017 - June 2018*

Drexel Global Scholar, Full-Tuition Merit Scholarship
Drexel University *September 2016 - Now*