LINUS KOEPFER

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EDUCATION

Rensselaer Polytechnic Institute   Troy, NY
BS Computer Science/Computer Systems Engineering (Dual Degree)   Sep 2017 – May 2020
Minor in Economics
GPA: 4.0

EXPERIENCE

Bloomberg L.P.   New York, NY
Software Engineering Intern   May 2019 – Aug 2019

- Implemented a GraphQL API consolidating multiple datasources to increase possible query complexity while reducing payload size by up to 90%
- Deployed API and associated datasources in a containerized microservice environment
- Led team migration to a new Software Development Lifecycle, reducing onboarding time by 75% and containerizing local development to better align with production environment

3M Health Information Systems, Inc.   Meriden, CT
Software Engineering Intern   May 2018 – Aug 2018
Part-Time Software Engineering Intern   Sep 2018 – Dec 2018

- Worked as member of a scrum team to integrate external REST API into legacy codebase
- Set up continuous integration/delivery pipeline for deployment to AWS
- Designed and implemented a RESTful API to interface with medical coding and grouping data

SKILLS

Programming Languages:	*Proficient:* Java, C++, Go
	Intermediate: JavaScript, Python, HTML/CSS
Tools & Technologies:	AWS, Docker, Kubernetes, GraphQL, RESTful Web Services, SQL, CI/CD (Jenkins, Helm, Spinnaker), Testing, Version Control (Git)

PROJECTS

Smart Home Blinds *C++, Java (Groovy), NodeMCU Microcontroller*
Automated blinds integrated with the Samsung SmartThings home automation system

"What Grade do I Need" Android App *Java, Android Studio*
An android application published on the Google Play store to help students calculate how they need to perform on future exams in order to achieve their desired grade

"DadBot" Twitter Bot *JavaScript, Twitter API*
A twitter bot that replies to tweets with dad jokes

AWARDS & HONORS

Upsilon Pi Epsilon Computer Science Honor Society (Secretary 2019-20)   Dec 2018

Third Place, IBM *Call for Code* School-Wide Hackathon   Sep 2018

Eta Kappa Nu Electrical and Computer Engineering Honor Society (Webmaster 2019-20)   Apr 2018

Rensselaer Medal   Sep 2017

LEADERSHIP & ACTIVITIES

Embedded Hardware Club; *The Forge* Makerspace Volunteer;
President, Trudge Club Ultimate Frisbee; Afro-Cuban Jazz Orchestra