

LINUS KOEPFER

Troy, New York · linus.koepfer@gmail.com · (203) 993-1810

EDUCATION

Rensselaer Polytechnic Institute

BS Computer Science/Computer Systems Engineering (Dual Degree)

Minor in Economics

GPA: 4.0

Troy, NY

Sep 2017 – May 2020

EXPERIENCE

Bloomberg L.P.

Software Engineering Intern

New York, NY

May – Aug 2019

- Implemented a GraphQL API consolidating multiple data sources to increase possible query complexity and reduce payload size by 90%
- Collaborated across multiple teams to deploy API and associated data sources in a containerized microservice environment
- Led team migration to a new Software Development Life Cycle, reducing onboarding time by 75% and containerizing local development to align with production environment

3M Health Information Systems, Inc.

Software Engineering Intern

Part-Time Software Engineering Intern

Meriden, CT

May – Aug 2018

Sep – Dec 2018

- Worked as member of a scrum team to integrate external REST API into legacy codebase, removing two-week delay in acquiring new data
- Set up continuous integration/delivery pipeline for deployment to AWS, including a 60% increase in test coverage
- 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)

PERSONAL 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; Published on Google Play*

An android application to help students determine the performance needed to reach a desired final 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