

LINUS KOEPFER

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EDUCATION

Rensselaer Polytechnic Institute

Troy, NY

BS Computer Science/Computer Systems Engineering (Dual Degree)

Sep 2017 – Jun 2020

Minor in Economics

GPA: 4.0

EXPERIENCE

3M Health Information Systems, Inc.

Troy, NY

Part-Time Software Engineering Intern

Sep 2018 – Dec 2018

- Developed new DRG management tool for Clinical Analysts
- Designed and implemented a RESTful API to interface with medical coding and grouping data
- Developed application frontend using modern JavaScript technologies

3M Health Information Systems, Inc.

Meriden, CT

Software Engineering Intern

May 2018 – August 2018

- Worked as member of a scrum team to integrate modern REST API into legacy codebase
- Set up continuous integration/delivery pipeline for deployment to AWS
- Added code and DRG information to internal tool to improve Clinical Analyst productivity

SKILLS

Programming Languages:

Proficient: Java, C++

Intermediate: JavaScript, Python, HTML/CSS

Tools & Technologies:

AWS, RESTful Web Services, SQL,

CI/CD (Jenkins), Testing (JUnit, Mockito), Version Control (Git)

Software & Operating Systems:

Windows, MacOS, Linux,

Microsoft Office Suite, Adobe Creative Suite, LaTeX

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

Eta Kappa Nu Electrical and Computer Engineering Honor Society

April 2018

Rensselaer Medal

Sep 2017

Valedictorian, Mark T. Sheehan High School

Jun 2017

LEADERSHIP & ACTIVITIES

Embedded Hardware Club; Rensselaer Center for Open Source (RCOS); *The Forge* Makerspace Volunteer; B-Team Captain, Trudge Club Ultimate Frisbee