

LINUS KOEPFER

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EDUCATION

Rensselaer Polytechnic Institute

Troy, NY

BS Computer Science/Computer Systems Engineering (Dual Major)

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;