

Website: mattkemp.info

www.github.com/MattiKemp/

Matthew Kemp

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EDUCATION

University of Iowa

B.S., Computer Science and Computer Eng
Minors, Mathematics and Philosophy

Expected Graduation: May 2022

Major GPA: 3.6/4

EXPERIENCE

Android App Developer J.P.E.C., U Iowa

07/16/2020-Present

- Worked in a team of 4 student developers and one career Software Engineering mentor to create free software and tech consultation to student startups at the University of Iowa.
- Developed Android apps and integrated them with other team member's technologies such as a database or an A.P.I.
- Designed an automated library book due date and fee tracker. Uses an SMTP server, MySQL, and Java to process and show a calendar with all current dates. Created In less than a week.

Projects

- **Graphing Calculator:** (Java) First personal project capable of graphing most common functions, calculating definite integrals, and has a very basic computer algebra system.
- **RuneScape Bot:** (Java) A personal program that can play the MMO RuneScape and disguise itself as a human player. Not for profit past time to test new technologies I learn and to problem solve.
- **Company Extension:** (JavaScript, Python, MySQL) Personal project that uses a Chrome Extension to display daily information about companies, from a python server, on the current webpage.
- **GitHub Trending Repo app:** (Java/Kotlin) A learning project for work that uses GitHub's A.P.I. to search for trending repositories and display relevant information about them.

TECHNICAL SKILLS

- **Languages:** Python, Java, C++, JavaScript, R
- **OS:** Windows (Advanced), OSX (Advanced), Linux (Advanced)
- **Other:** MySQL, HTML and CSS, Chrome API, Apache 2.0

RELEVANT COURSES

- Data Structures
- Intro Software Design
- Algorithms
- Data Science

ACTIVITIES

- Member of the Association of Computing Machinery **Fall 2019-Present**
- Member of Students in Technology and Sciences **Fall 2019-Present**
- Café on Vine meal center **Sept 2018-Jan 2019**