Keenan Thompson

Phone by Request
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EXPERIENCE

JRiver Inc., Minneapolis, MN — *Developer*

June 2015 - Present (Summers)

Resolved bugs and designed new features in JRiver's flagship media player and organization software (C, C++).

Design and creation of a home automation backend and frontend (Python w/ Flask, HTML/CSS, Javascript).

The Avicus Network, Afton, MN — *Owner and Developer*

September 2012 - Present

Created a unique multiplayer game server by developing plugins (Java, SQL, Redis, Python) and website counterparts (Ruby on Rails, PHP).

Scaled website to handle 1M page views per month and the game server to handle 100k players per week.

Management of a team of developers all contributing to a code base of more than 100k lines.

EDUCATION

University of Wisconsin – Madison, *Computer Science, B.S.*

Expected May 2019

Cumulative GPA: 3.06/4.00.

Stillwater Area High School, Minnesota

September 2012 - June 2015

PROJECTS / ACTIVITIES

Quest — *github.com/thekeenant/quest-v2*

A Java library used to communicate with SQL databases.
Object–oriented design and inspired by Ruby on Rails' Activerecord.

Hackathons

Competitor and/or recognition in several 12–24 hour hackathons including Minnehack 2015, Startup Warzone 2015 (organized by Gener8tor), Local Hack Day 2015, Local Hack Day 2016, and Madhacks 2017.

LANGUAGES

Proficient in: Java, SQL, Ruby, HTML/CSS, Python

Experience with: Javascript, C, C++, Bash, PHP, R, C#

TECHNOLOGIES

Proficient in: Maven, Unix, CI (Jenkins), Git

Experience with: Redis, Gradle, Android SDK/NDK, Apache, Nginx, Subversion, Vim, Node.js, NoSQL, Websockets

COURSES

Intro to Computer Engineering

Calculus I & II

Data Structures & Algorithms

Machine Organization & Programming

Discrete Mathematics

Programming Languages & Compilers (Current)

Linear Algebra (Current)

INTERESTS

Software Development

Full Stack Web Development

Server/Website Reliability