

Sohi Kim

[linkedin.com/in/sohi-kim](https://www.linkedin.com/in/sohi-kim) • github.com/skycue • New York, NY
skycue.github.io • sohikim18@gmail.com • (646) 942 - 4314

EDUCATION

App Academy

Immersive full-stack software development program

New York, NY
September 2018 - December 2018

Amherst College

Bachelor of Arts in Mathematics

Amherst, MA
Graduated May 2018

Relevant Coursework: Data Structures * Programming Methodology * Computer Systems * Introduction to Computer Science * Introduction to Analysis * Abstract Algebra * Linear Algebra * Multivariable Calculus * Statistical Modeling

PROJECTS

Honey Splash

[Live](#) [Github](#)

- Developed a single page task management app modeling Remember the Milk, using modern web technologies, such as React, Redux, and JavaScript for the frontend, along with Rails for the backend
- Personalized user's experience by persisting user's lists and tasks to an authenticated user's account
- Utilized HTML5 and CSS3 to incorporate styling that supports a user-friendly interface

Breakout on a Curve

[Live](#) [Github](#)

- Devised a new twist to an old classic with a semicircular paddle, making for a more dynamic gameplay style
- Redesigned paddle reflection logic to take advantage of the new curved paddle design
- Employed mathematics of trigonometry to calculate new velocity of the ball upon paddle collision

Chess

[GitHub](#)

- Engineered an object-oriented implementation of the game logic of chess on the terminal
- Utilized modules to implement chess piece moves of similar nature

WORK EXPERIENCE

Amherst College IT Department

IT Specialist

Amherst, MA
September 2017 – May 2018

- Provided technical support nine hours per week in person, by phone and online incident tracking system
- Maintained public computing facilities on campus

Amherst Community

Private Tutor

Amherst, MA
January 2017 – May 2017

- Taught mathematics to a middle school student approximately 2 hours per week
- Designed lesson plans aimed at raising skill, confidence, and interest in mathematics
- Successfully increased the student's fondness for Geometry and performance by a letter grade.

SKILLS

Ruby on Rails, JavaScript, Java, React, Redux, jQuery, HTML, CSS, SQL, Git