

LUCAS GELFOND

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EXPERIENCE

Teaching/Lab Assistant • Microsoft TEALS Program

Remote & Warwick, RI • July 2020 – Present

- Assisting part time with AP Computer Science A class at Pilgrim High School, an underserved public school
- Complete ~35 hours of asynchronous training
- Coordinate activities with other TAs and teacher

Product Management Intern • Kiru

Remote • June 2020 – Present

- Product: LATAM FinTech Competition
- Kiru is a stealth startup bringing financial freedom for people earning less than \$100 / wk primarily in Central America
- Built site to recruit Latin American business school students to complete market research on suitable benefit providers
- Promoted with Facebook Ads and A/B testing that reached 200k+ users and through direct reach outs to business school faculty and student organizations

PROJECTS

Brown Outing Club Lottery Site

as Full Stack Engineer for Full Stack at Brown • July 2020 - Present

- Building more equitable trip lottery system for Brown's largest student organization to give higher lottery weights to members who have not been selected for previous trips
- Implementing user database with Flask and SQL
- Code using Python for backend, HTML and CSS for frontend

Plan for a Providence City Center

for Brown University, HIAA 0850 • Nov. 2019 – Present

- Built a 3D rendering of Raymond Hood's 1920 unbuilt drawings parametrically in OpenSCAD
- To be exhibited by Brown's architecture dept for their "Raymond Hood and the American Skyscraper" exhibition, cancelled due to COVID-19

Seamcarve

for Brown University, CSCI 0160 • Feb. 2020

- Built intelligent image resizer based on seamcarve algorithm published at SIGGRAPH 2007 in Java
- Used image to compute pixel "importance arrays" and remove least relevant seams of pixels

Sketchy

for Brown University, CSCI 0150 • Nov. 2019 – Dec. 2019

- Built basic graphics program to draw with pen or shapes on a digital canvas using Java and JavaFX
- Functionality included undo/redo commands (implemented w/ stacks), shape selection and fill, deletion, and saving/loading with FileIO

EDUCATION

Brown University

Providence, RI

Aug. 2019 – Present

Sc.B Computer Science-Economics

GPA 4.0/4.0

Relevant Coursework

- Intro to Object-Oriented Programming and Computer Science (CSCI 0150)
- Intro to Algorithms and Data Structures (CSCI 0160)
- Intermediate Macroeconomics (ECON 1210)

Harvard-Westlake School

Studio City, CA

Aug. 2013 – Jun. 2019

GPA: 4.43 W / 3.95 UW

Relevant Coursework

- AP Computer Science A
- Design and Data Structures Honors
- Advanced Topics in Computer Science Honors

USA Computing Olympiad Bronze

SKILLS

Certifications

freeCodeCamp Responsive Web Design, Javascript Algorithms and Data Structures, Front-End Libraries (in progress)

Programming Languages

●●●●● OpenSCAD
●●●●● Java, HTML/CSS
●●●●● Python, Javascript
●●●●● C++

Other Technologies

●●●●● Bootstrap
●●●●● Flask, SQL, Sass, React

Design

●●●●● Adobe InDesign, Photoshop
●●●●● Figma