

# Jacky McGrath

phone number not listed

email not listed

Lowell, MA

[Portfolio: jackym.me](https://jackym.me)

[Github: jackyyym](https://github.com/jackyyym)

[linkedin.com/in/jacky-mcgrath/](https://linkedin.com/in/jacky-mcgrath/)

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Recent graduate ready to contribute in a professional environment. Efficient and independent learner with success collaborating in a team. Virtual reality and game design enthusiast.

## EDUCATION

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**University of Massachusetts Lowell**, Lowell, MA

Fall 2016 - Fall 2020

- Bachelor of Science in Computer Science, *cum laude*
- Minors in Graphic Design and Mathematics

## SKILLS

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- **Languages:** C#, C, C++, Java, Python, and Javascript
  - **Software:** Unity Engine, Adobe Suite, Microsoft Office, Autodesk Maya
  - **Technology:** Git, Bootstrap, Virtual Reality, Game Programming

## WORK EXPERIENCE

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**Applied Cognition Research Lab**, Lowell, MA

May 2019 - Sep 2020

*Software Developer*

- Worked in a small team on the Plea Justice Project, a simulative research tool used to collect data on plea deals.
- Utilized Qualtrics combined with Javascript/HTML to control survey flow, data collection, variable randomization, and an avatar customization system.
- Adapted to collaborating remotely via regular Zoom meetings.
- Assembled versions of the simulation according to researchers specifications for use in their psychological studies.

**AAA Constable Service**, Lowell, MA

Jun 2017 - Aug 2018

*Office Assistant*

- Processed and filed paperwork pertaining to Court Service of Process, Evictions, and Summons/Subpoenas.
- Prepared invoices using Quickbooks and processed payments from clients.

## PROJECTS

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**X-Browser**

Fall 2020

*Software Engineering I*

- Coordinated in a five-person team to develop a multi-browser development tool according to a mock-up client's specifications.
- Lead Scrum meetings as Scrum Master to collaborate with team members.
- Planned the software's structure by creating a variety of diagrams including use-case, state, class, function, and system diagrams.
- Developed two prototypes of the software using the Python library, Kivy.