Mitchell Jones

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I'm a student, coder, and maker with a passion for project-based learning and teaching. I'm most interested in bridging the boundaries between computer science and other disciplines, and making technology more accessible for everyone.

EXPERIENCE

Institute of Neuroinformatics, Zürich, Switzerland MARCH 2018

Research Assistant

I worked with PhD students at ETH Zürich and the University of Zürich's Institute of Neuroinformatics on various small projects in neuromorphic computing and machine vision. Programming in Python, C++, and some JavaScript.

Sydney Institute for Astronomy, Sydney, Australia MARCH 2017

Research Assistant

I worked with PhD students at Sydney University's Institute for Astronomy on creating an application that analyzes and compares different processing pipelines for Kepler K2 data. Programming in Python.

EDUCATION

Choate Rosemary Hall, Wallingford, CT, USA 2014 - 2018

By the Numbers

- **GPA:** 3.7 / 4.1
- **ACT:** 34

AP (or higher) level classes

- **AP Computer Science:** A
- **AP Calculus:** A
- **AP U.S. History:** A-
- **Honors Interactive Media, DS:** A
- **Honors French 651:** A-

Extracurricular

- **Choate Debate Team - Meeting Leader**
  I lead weekly debate meetings, training novice debaters, and competing in advanced tournaments on weekends.
- **Rothberg Catalyzer - Finalist**
  My team and I were chosen to advance to the Rothberg Catalyzer final at Brown to compete against teams from Brown, Carnegie Mellon, Yale, and U Penn.
- **Choate Programming Union - Member**

SKILLS

Programming Languages

- JavaScript	Advanced
- Java	Advanced
- HTML/CSS	Advanced
- Python	Intermediate
- C#	Intermediate
- PHP	Novice
- Solidity	Novice
- C++	Novice

Frameworks

- Node.js	Advanced
- Unity	Intermediate

Software

- Photoshop	Advanced
- MS Office	Advanced
- Google Drive	Advanced
- Premiere Pro	Intermediate
- Illustrator	Novice
- After Effects	Novice
- Blender	Novice

AWARDS

Rochester Dean's Scholarship for academic achievement and the potential to make unique contributions to student life.
2018-2022

Enhanced Research and Innovation Grant awarded to Rochester students for motivation, creativity, and strong potential for success.
2018

SELECTED PROJECTS

mitchelljones.com — *Gallery*

My personal website which houses a gallery of some of my favorite major and minor projects. www.mitchelljones.com.

Rothberg Catalyzer — *Hackathon*

With a project centered around the health, safety, and comfort of children during disaster relief, my 4-person team won the Choate Rothberg Catalyzer and will be advancing to compete against teams from Yale University, Brown University, Carnegie Mellon University, and the University of Pennsylvania. Our project, taking the form of a children's toy, incorporates biomedical data sensors to assess and aid children and adolescents affected by major disasters.

Battle Blocks — *Application*

The product of a term-long Directed Study in interactive media and game design, Battle Blocks is a video game that combines the eye-catching art style and exciting gameplay of a traditional platformer-shooter with turn-based strategy unique to the genre. I built the game from scratch in the Unity engine, designing the user experience and game mechanics, coding both the client and server systems, and drawing and animating all of the visuals.

Locke Pocket — *Web App*

The official web wallet for the cryptocurrency Locke. Locke Pocket is a secure, easy-to-use Ethereum token wallet. www.lockepocket.com. I built Locke Pocket together with an open-source ERC-20 web wallet template for anyone who'd like to make their own custom Ethereum token web wallet.

Paul Mellon Scholarship for academic excellence and drive in the study of math, computer science, and/or science.
2014-2018

Choate Rosemary Hall Award for Excellence in Advanced Study of Computer Science; the highest honor in Computer Science.
2018

Deans' List for Choate Students Who Excel in All Subjects
2016-2018

LANGUAGES

English	Native
French	Fluent