

Bradley Chen

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EDUCATION

Carnegie Mellon University, Pittsburgh, PA

May 2021

Bachelor of Science in Information Systems

Intended Additional Bachelor of Science in Business Administration

SKILLS

Python, Java, HTML, CSS, AutoCAD, LaTeX, Individual and Team Project Development

PROJECTS

Leap Scroller

Fall 2017, Carnegie Mellon University

- Developed a side-scrolling platform video game in Python controlled with a Leap Motion Controller, a computer hardware sensor device capable of accepting hand and finger motion as input.
- Developed algorithms to determine the position of the hand and certain hand gestures like a fist or an open hand.
- Used PyGame to develop visual assets and game mechanics.

VESGEN Data Analysis Tool

Summer 2016, NASA Ames Research Center

- Developed a tool in Java that assists NASA Ames researchers in the statistical analysis of data generated by VESGEN, a vessel imaging program.
- Consolidates the inputs of multiple Excel spreadsheets into one master spreadsheet in order to ease the statistical analysis of data.

EXPERIENCE

Software Intern, NASA Ames Research Center (ARC)

Summer 2016

- Worked in the Space Biosciences Department assisting researchers in their statistical analysis.
- Worked closely with a partner and project mentors to craft goals and meet deliverables.

Counselor Assistant, City of Concord, CA

Summer 2015

- Supervised and mentored children ages 6-11.
- Assisted camp counselors in organizing activities.
- Supervised camp activities and ensured day to day activities ran smoothly.

RELEVANT COURSEWORK

Information Systems Milieux; Fundamentals of Programming and Computer Science; Multivariate Analysis; Concepts of Mathematics; Principles of Microeconomics; Statistical Reasoning and Practice

ACTIVITIES

Quant

Spring 2017

- A club focusing on the study of quantitative finance and how mathematics and other computational aspects are utilized.

Introductory Finance Society

Spring 2017

- A club teaching the fundamentals of accounting, corporate finance, and investing.