RAYMOND CHEN

EDUCATION

Duke University
2018 – 2022
B.S. Computer Science
B.S. Neuroscience
GPA: 4.00
Courses:
- Data Structures & Algorithms
- Computer Architecture
- Discrete Math for Computer Science
- Probability/Statistical Inference
- Linear Algebra
- Multivariable Calculus

Pingry School
2014 – 2018
High School Diploma
Honors:
- Cum Laude Society
- Rensselaer Math and Science Award
- AP National Scholar
- National Merit Scholarship Commended

SKILLS

Programming
Java, Python, C, Assembly

Web Development
HTML, CSS, JavaScript

Research
MATLAB

Interests
Machine Learning, Fintech, Biotech, Neuroscience, Medicine, Photography

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in linkedin.com/in/raymondhechen

github.com/raymondhechen

EXPERIENCES

Pearson Lab, Duke University
Huang Research Intern | May 2019 – July 2019
- Used Python to develop a real-time calcium imaging analysis and stimulation platform.
- Initialized and completed platform's integration with Windows using Windows Subsystem for Linux.
- Analyzed Apache Arrow performance using SciPy stack

Gavornik Lab, Boston University
RISE Research Intern | July 2017 – Aug 2017
- Proposed and executed a project analyzing spatiotemporal sequence learning in mouse primary visual cortex using MATLAB and Electrophysiology
- Programmed a frame-by-frame video analyzer using MATLAB to track mouse motion inside a box.

PROJECTS

Sports Club Record System
dukebadminton.org | 2019
- Developed an automated attendance and ranking system for Duke Club Badminton
- Implemented with Python backend and ReactJS frontend.

Personal Website
raymondhechen.com | 2019
- Developed a personal website using HTML, CSS, JavaScript.
- Deployed using GitHub environments.

LEADERSHIP

Huang Fellows Program
Duke Science & Society | March 2019 – May 2022
The Huang Fellows program trains students to understand science in the context of and in service to society. Huang Fellows learn how to integrate ethics, policy, and social implications into their scientific research.

Duke Club Badminton
Duke Recreation | March 2019 – May 2020
I am serving as the Social Chair from 2019-2020. I am responsible for promoting inclusion and interactions between members by overseeing events, social media, and marketing.