CHUNG HIN LEE

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○ https://github.com/lchsam

Academic Qualifications

B.S. IN COMPUTER SCIENCE

Graduation: May 2020
Overall GPA: 3.8
Relevant Coursework:

- Programming with Data Structures
- Programming Methodology
- Reasoning Under Uncertainty
- Computer Systems Principles
- Introduction to Computation
- Introduction to Computer Vision
- Introduction to Algorithms
- Digital Forensics
- Software Engineering

Awards & Scholarships

2016   Dean's list every semester

2018   PLMW at PLDI Scholarship

Academic Employment

RESEARCH ASSISTANT TO PROFESSOR ARJUN GUHA

PLASMA Lab, UMass Amherst

May 2018 - Now

- Developed and deployed an online web IDE (Integrated Development Environment) for CS 220, a course on Programming Methodology
- Gathered data on student coding behavior and habits
- Developed a custom compiler pass for JavaScript to have JavaScript throw errors at sensible locations of code

Leadership

COFOUNDER OF APP DESIGN TEAM

Newton South Highschool

Feb 2014 - June 2016

- Collaborated with team members to create NSHS Guide or Newton South High school guide, a mobile application that manages student schedules and notifies students of teacher absences
- Utilized Bitbucket and Sourcetree for version control

Projects

PITCH

HackUMass IV

Nov. 2016

- PITCH or Predicting Instruments by Transforming Collections of Harmonics is a program that identifies instruments in recordings with probabilities of certainties.
- Won Clarifai Award.

CLASS I/O

Original idea

August 2017 - Sept. 2017

- A Facebook bot that notifies users when a selected class at UMass is open for enrollment.
- Detects class status through UMass Spire and notifies user accordingly.
- Able to notify users of multiple classes and their status.

FAST: FEISTY ALERT AND STATUSES TRACKER

CS 320: Software Engineering course

Jan 2018 - May 2018

- An application that provides customers of HPE the ability to view statuses and alerts of their storage devices.
- Customers can create and customize statuses for their storage devices or use pre-configured statuses that will trigger alerts when conditions of their storage devices meet the specified boundaries.

PAWS AND SENSIBLEJS

PLASMA Lab, UMass Amherst

May 2018 - Now

- An online web IDE that integrates *Stopify*, letting users stop and run long-running JavaScript programs