Henry Tao

28 Blueberry Lane, Lexington, MA 02420

781-392-7517 | henrytao@umass.edu

EDUCATION

University of Massachusetts Amherst   **Class of 2022**

Major: Bachelor of Computer Science | **Minor**: Economics   GPA: 3.6/4.0

Honors: Dean's List (all semesters), Commonwealth Honors College

Relevant Coursework: Programming Methodology (220), Data Structures (187), Computer Systems Principles (230), Intro to Computation (250), Intro to Algorithms (311) and Software Engineering (320)

Lexington High School Massachusetts   **June 2018**

SKILLS

Proficient Languages: C++, Java, Javascript, C#, Swift

Familiar Languages: R, Python, Django , HTTP, JSON, React

Software / Frameworks: Django, PostgreSQL, Firebase, iOS development, Data Structures, Algorithms

COMPUTER SCIENCE EXPERIENCE

Voya Financial – Intern   **Summer 2020**

- Migrated the legacy metrics database to new infrastructure in C# and SQL, syncing corporate systems and external databases

Impact Chain Lab – Intern   **Summer 2019**

- Architected the healthcare App to provide different treatment options for patients
- Developed the authentication API using Django

AstraZeneca Pharmaceuticals – Intern   **Summer 2018**

- Developed a software package to analyze gigabytes of genomic data to create human and mouse cancer models

HONORS/AWARDS

Dean's List (all semesters) at Umass Amherst	2018 - present
Class of 2018 Stanley Z. Koplik Certificate of Mastery with Distinction	2018 - present
John and Abigail Adam Scholarship	2018 - present
National AP Scholar	2018
National Honor Society	2016 - 2018

EXTRACURRICULARS

Pi Delta Psi Cultural Fraternity	2019 – present
Drug Prevention Program Leadership	2015 – 2018
Teacher assistant at KTbyte computer science camp	Summer 2014 – 2016