

Eric Lin

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Education

Harvard College

Cambridge, MA

Pursuing Advanced Standing in Computer Science and Economics

May 2022

GPA N/A until December 2018

Courses: Ec 1010a (Intermediate Microeconomics), Math 21a (Multivariable Calculus), and CS 50

Thomas Jefferson High School for Science and Technology

Alexandria, VA

Graduated with Advanced Studies Jefferson Diploma

June 2018

Weighted GPA: 4.597, Unweighted GPA: 3.96

Linear Algebra, Physics C Mechanics and E&M, Statistics, Concrete Math, AI, and Computer Vision

Technical Skills

Python: SciKit-Learn, Pandas, **Django**

Java: Android development

C++: OpenCV

Microsoft Azure: Platform Testing

ABINIT: DFT Calculations

Javascript, CSS, SQL

Publications

Real-Time Bayesian Micro-Analysis Model for Metro Traffic Flow

25th ACM SIGSPATIAL International Workshop on Smart Cities and Urban Analytics

Authors: Eric Lin, Jinhyung D. Park, and Andreas Züfle doi: 10.1145/3152178.3152190

Derived Bayesian bipartite algorithm that outperforms Google Maps Metro traffic flow prediction.

Protecting User Privacy: Obfuscating Discriminative Spatio-Temporal Footprints

25th ACM SIGSPATIAL Workshop on Location-based Services and Social Networks

Authors: Jinhyung D. Park, Erik Seglem, Eric Lin, and Andreas Züfle doi: 10.1145/3148150.3148152

Developed algorithm based on informational entropy and machine learning to protect social media data.

Experience

Project Lead at Harvard Data Ventures with Bevi

October 2018 – Present

Consulting Analyst at Harvard Undergraduate CBE

September 2018 – Present

Policy Analyst at Harvard Kennedy School Institute of Politics

September 2018 – Present

Tech Associate of Harvard Project for Asia and International Relations

September 2018 – Present

BranchOut! Multicultural STEAM Education

Washington, D.C

Chief Marketing Officer

September 2017 – July 2018

Organized and marketed events with 200+ attendants including State and County representatives.

Awarded U.S. House of Representatives Certificate of Congressional Recognition for Leadership.

Press Officer

May – September 2017

Recruited and trained 65 mentors from 25 high schools. Directed and produced promotional video.

Center for Geospatial Intelligence at George Mason University

Fairfax, VA

Data Science Research Intern

June – September 2017

Spearheaded research, produced two publications, and coordinated daily meetings.

Datsura

McLean, VA

Blockchain Analyst Intern

July – September 2016

Developed Blockchain prototype for healthcare services on the cloud using Microsoft Azure.

Project BEST

Fairfax, VA

Marketing Director

February 2016 – June 2018

Interviewed with local TV, connected with 50+ principals, and drew a record number of participants.

Hope Chinese School

Tysons Corner, VA

Teaching Assistant

August 2015 – June 2018

Lectured and designed innovative curriculum for Python and Java introductory programming classes.