Liem Nguyen

(707) 372-1196
1569 Spruce St #7, Berkeley, CA 94709
liem.nguyen@berkeley.edu

Education

University of California, Berkeley — B.A., Computer Science, Data Science; Minor in Music   *Expected 12/2019*
GPA: 3.7/4.0

- *Relevant Coursework*:

  Principles & Techniques of Data Science   Introduction to Artificial Intelligence
  Computer Security   Introduction to Machine Learning
  Efficient Algorithms & Intractable Problems Introduction to Communication Networks
  Introduction to Database Systems   Probability & Random Processes

Armijo High School (Fairfield, CA)   *Graduated 6/2016*
GPA: 4.0/4.0; SAT: 2330/2400; Class Rank: 1/559; International Baccalaureate Diploma Recipient

- *Activities*:

  Math Club, Science Club, Academic Decathlon, National Honor Society, Wind Ensemble, Varsity Tennis

Experience

Upstream — Software Engineering Intern   *6/2019 − Present*

- Implemented parsing of online news RSS feeds and features for user onboarding and interaction for a social media iOS app using React Native.

Passport Capital — Product Development Intern   *10/2018 − 12/2018*

- Built and deployed APIs for sentiment analysis of social media posts from cryptocurrency exchanges using Node.js, TensorFlow, and AWS. Composed reports on selected topics in cryptoeconomics for potential investors.

Video and Image Processing Lab, UC Berkeley — Undergraduate Researcher   *6/2018 − 8/2018*

- Built neural networks for the unsupervised learning of depth from monocular video using TensorFlow.

Ubiquitous Swarm Lab, UC Berkeley — Undergraduate Researcher   *6/2017 − 8/2017*

- Developed virtual reality environments simulating robot swarms in Unity and implemented flocking algorithms, Oculus Rift hardware integration, motion tracking, and data collection with scripting using C# for user studies examining human-swarm interactions.

Activities

BERKE1337 — VP of Resources   *3/2018 − Present*

Virtual Reality at Berkeley — Unity Developer, ISAACS   *9/2017 − 5/2018*

Projects

Artist Explorer — React app for visualizing graphs of related artists on Spotify   *4/2019*

PyDrive — Secure file storage client in Python supporting uploads/downloads, shared access, and efficient updates   *3/2018*

BearMaps — Web mapping service in Java implementing rasterization and efficient route search   *4/2017*

MiniDB — Relational DBMS and DSL in Java supporting simple table creation, mutation, and joins   *3/2017*

Honors

National Merit Scholarship, National Merit Scholarship Corporation   *3/2016*

- Awarded annually to about 2,500 high-achieving high school seniors.

Skills

Python, Java, C, C#, HTML/CSS, JavaScript (jQuery, React), SQL, R, VBA, Linux, Unity, Git, LaTeX