Liem Nguyen

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Education

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

- *Relevant Coursework*:
  Principles & Techniques of Data Science   Introduction to Artificial Intelligence
  User Interface Design & Development   Introduction to Machine Learning
  Computer Security   Introduction to Communication Networks
  Efficient Algorithms & Intractable Problems   Probability & Random Processes
  Introduction to Database Systems

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

Experience

Circles — Software Engineering Intern *6/2019 — Present*

- Built features for user onboarding and interaction for the alpha release of a social media iOS app using React Native and Apollo. Implemented file and user data storage using Amazon S3, SQLAlchemy, and Postgres.

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 Amazon Comprehend. 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*

- Designed VR environments simulating robot swarms for user studies examining human-swarm interactions using Unity. Implemented flocking algorithms, Oculus Rift hardware integration, motion tracking, and data collection using C#.

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