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Tim Lim

https://timql.github.io
https://github.com/timql

Education

2013 – present B.A. in **Computer Science** (expected 2017), *Boston University.*

- Minors in Philosophy, Statistics.
- GPA: 3.93/4.0 (In-major: 4.0).
- Dean's List (Fall 2013 - present).
- Completed coursework includes: Data Structures, Geometric Algorithms, Single-variable Calculus, Intro to Computer Systems, and Probability in Computing.
- Current coursework includes: Programming Languages, Graph Theory, Computer Networks, and Multivariate Calculus.

Skills

Programming Languages

- Python; Java (prior experience); C (basic); R (basic); IA32 Assembly (basic)

Technologies

- LaTeX; HTML/CSS; NumPy; Bash (basic)

Projects

Summer 2015 - present **DSD**. Project with researchers at BU and Tufts involving Diffusion State Distance (DSD), a distance metric developed for use in small-world graphs, specifically graphs of protein-protein interactions in various organisms. Wrote code to test how well DSD captures functional relationships among protein pairs.

Fall 2014 **Mini-Google**. Program allowing users to look up articles culled from Wikipedia using search phrases. Implemented using hash tables to calculate cosine similarity.

Fall 2014 **Connect-Four**. Player class for an AI in a Connect-Four program using Minimax search and Alpha-Beta Pruning. (Accidentally) beaten by testers just 5 times out of ~500 games played.

Interests

- **Coffee**. Has worked part-time in a coffee shop and is familiar with various methods of coffee preparation. Enjoys both the brewing and the tasting process, especially finding coffees that taste nothing like coffee.
- **Travel**. Both nearby and faraway, alone more often than not. Likes wandering around on foot and taking pictures as he goes. Currently, his favorite place is Shibuya, Tokyo.

Awards

- Sponsor prizes from HP and Linode at AngelHack Boston 2015 for building a web application designed to find 'happier' routes for users to travel by.
- Reseach award from Boston University's Undergraduate Research Opportunities Program.