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

Tim Lim

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 & upcoming coursework includes: Programming Languages, Graph Theory, Multivariate Calculus, Machine Learning, Computer Networks, and Applied Statistics.

Skills

Programming Languages

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

Technologies

- Unix shell; LaTeX; HTML/CSS; NumPy

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.

- **Music, Film, Video Games**. Regularly escapes into other worlds. Favorites include the music of U2 and Coldplay, Lost in Translation, every Wes Anderson film, and games like Red Dead Redemption and Skyrim.

Awards

- Sponsor prizes from HP and Linode at AngelHack Boston 2015 for a project attempting to plot the "happiest" route for users in Boston based on sentiment analyses of tweets.