

Kevin Dong

www.kevindong.net
www.github.com/kevindong

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Objective

To obtain a software engineering internship in Summer 2018.

Education

8/15–5/19 **Bachelor of Science in Computer Science**, *Purdue University*, West Lafayette, IN.
I intend to pursue the Software Engineering and the Database & Information Systems tracks. My primary interest is in software engineering. GPA: 3.66/4.00

Coding Skills

Listed in order from best to good (1 = best; 6 = good).

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|-------------------------------|-------------------------------|-----------|
| 1. C# with ASP.NET MVC | 3. SQL (Microsoft and Oracle) | 5. Python |
| 2. Web Dev. (HTML, CSS, & JS) | 4. C/C++ | 6. Java |

Selected Personal Projects

- Citybus Tracker A bus tracking application written in pure HTML, CSS, and JavaScript. The main feature is that multiple bus stops/routes can be coagulated into one arrivals board, thus enabling the end user to pick the stop/route combo that's most convenient to them at a particular point in time. See https://www.github.com/kevindong/citybus_tracker for details.
- MarketWatch API An unofficial Python wrapper for programmatically interacting with the stock trading game hosted on MarketWatch. Analyzed and reverse engineered the MarketWatch website to create a lean, robust, and well-documented wrapper. See https://www.github.com/kevindong/MarketWatch_API for details.

Work Experience

- 5/17– **Associate Software Engineer Intern**, *Clarity Partners, LLC*, Chicago, IL.
 - Developer on the Chicago Police Department team using C# with ASP.NET MVC and Oracle SQL. Full time in Summer 2017. Part time in Fall 2017.
 - Rewrote multiple data warehouses search applications (originally in Visual Basic) using ASP.NET MVC.
 - Analyzed, architected, and rewrote web application (originally in Perl) for police lineups. Police lineups are a series of mugshots shown to a victim/witness of a crime wherein the victim/witness will point out a suspect. This process, if conducted fairly, is admissible evidence in court. Work includes database layer, web UI, everything in between, and a robust audit log system.
- 5/16–5/17 **Student Developer**, *Krannert Computing Center–Purdue University*, West Lafayette, IN.
 - Full stack developer on ASP.NET MVC web applications used University-wide.
 - Automated tedious and error-prone processes to achieve time savings of >90%.
 - Implemented scheduling appointment capability in a calendar utility used University-wide.

Involvement

- 8/15–Present **Purdue Hackers**, (*Hackathon Club*).
- 8/16–12/16 **Peer2Peer Mentor**, *Purdue University Department of Computer Science*.
 - Peer mentor for incoming CS freshman; received training on diversity and social justice.

Awards and Misc.

- Scholarship **Presidential Scholarship**: Prestigious scholarship received by <15% of incoming freshman.
- Coursework As of Spring 2017, I have completed courses in Java, Discrete Mathematics, C/C++, Computer Architecture, and Data Structures and Algorithms. Respectively, CS 180, 182, 240, 250, and 251. In Fall 2017, I will take courses in Databases (CS 348; officially "Information Systems") and Software Testing (CS 408).
- Citizenship United States of America