

Kevin Dong

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

Education

May 2019 **Bachelor of Science in Computer Science**, *Purdue University*, West Lafayette, IN.
Software Engineering track. Appeared on Dean's List 7 times. GPA: 3.75/4

Coding Skills

Roughly listed in order from best to good (1 = best; 8 = good).

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|-------------------------|-------------------------------|----------|
| 1. C# with ASP.NET MVC | 4. Python | 7. C/C++ |
| 2. Web Dev. (HTML, CSS) | 5. SQL (MS, Oracle, Postgres) | 8. Java |
| 3. JavaScript/Node.js | 6. iOS (Swift) | |

Selected Personal Projects

- Fiscus** A portfolio tracking website built to fulfill the senior software engineering project requirement. Designed, architected, and built a web application using Bootstrap, Node.js, Postgres, and Redis in an agile team environment. Featured as one of the best senior projects for the Spring 2018 semester. <https://www.cs.purdue.edu/news/articles/2018/cs407-project-spotlight.html>
- 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

- 6/19– **Software Engineer**, *Squarespace*, New York, NY.
- Summer 2018 **Software Engineering Intern**, *Capital One*, McLean, VA.
 - o iOS developer in consumer banking business
 - o Prototyped an iOS app in Swift that interfaces with internal APIs/microservices
 - o Sourced and utilized an open source library for interacting with a Go server via WebSockets
- Summer 2017 **Associate Software Engineer Intern**, *Clarity Partners, LLC*, Chicago, IL.
 - o Developer on the Chicago Police Department team using C# with ASP.NET MVC and Oracle SQL
 - o Rewrote multiple data warehouses search applications (originally in Visual Basic) using ASP.NET MVC
 - o 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.
 - o Full stack developer on ASP.NET MVC web applications used University-wide.
 - o Automated tedious and error-prone processes to achieve time savings of >90%.
 - o Implemented scheduling appointment capability in a calendar utility used University-wide.

Involvement

- Fall 2016 **Peer2Peer Mentor**, *Purdue University Department of Computer Science*.
 - o Peer mentor for incoming CS freshman; received training on diversity and social justice.**Purdue Hackers**, (*Hackathon Club*).

Misc.

- Award **Presidential Scholarship**: Prestigious scholarship received by <15% of incoming freshman.
- Selected Coursework Data Structures and Algorithms (CS 251), Intro. to the Analysis of Algorithms (CS 381), Data Mining & Machine Learning (CS 373), Senior Software Engineering Project (CS 407), Software Testing (CS 408).
- Citizenship United States of America