Kevin Dong

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

Objective

To obtain a full time software engineering (ideally back end) position beginning in Summer 2019.

Education

May 2019 **Bachelor of Science in Computer Science**, *Purdue University*, West Lafayette, IN.
Software Engineering track. GPA: 3.71/4.0

Coding Skills

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

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

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

Summer 2018 **Software Engineering Intern**, *Capital One*, McLean, VA.
- iOS developer in consumer banking business
- Prototyped an iOS app in Swift that interfaces with internal APIs/microservices
- 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.
- Developer on the Chicago Police Department team using C# with ASP.NET MVC and Oracle SQL
- 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)*.

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

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

15-August-2018