**Zefeng (Daniel) Wang**

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**SKILLS**

* **Languages:** Familiar with Java | Knowledge of Python
* **Platforms:** Understanding ofAndroid | Basic knowledge of Unix & MacOS
* **Web Technology:** HTML, CSS, JavaScript, JSON, XML
* **Databases:** MySQL, PostgreSQL, pgAdmin
* **API:** RESTful APIs, Google Maps API, Java Swing Library, CKAN Action API, Documentum Foundation Classes
* **Testing Frameworks:** JUnit 5, Jest
* **IDE/Build Tools:** IntelliJ IDEA, Eclipse, Android Studio, Gradle
* **VCS:** Git, GitHub

**EDUCATION**

**Northeastern University**, Boston, MA May 2022

*Candidate for a BS in Computer Science and Business Administration, Concentration in Accounting*

**Overall / Major GPA:** 3.82 **|** 4.0

**Relevant Coursework:** Object Oriented Design, Fundamentals of Computer Science I and II, Discrete Structures, Linear Algebra,

(In Progress) Algorithms and Data Structures, Database Design

**Honors and Awards:** Dean’s List, International Scholar, Top 10/Best Rookie Award at Hack Beanpot

**West Windsor Plainsboro High School South,** Princeton Junction, NJ June 2018

**GPA:** 3.9 | 4.6

**EXPERIENCE**

**Sandbox at Northeastern,** Boston, MA September 2019 - Present

*Developer*

* Maintaining and improving SearchNEU.com, the course registrar replacement website used by over 42K unique users
* Refactoring the JavaScript backend to improve readability and facilitate testing of the codebase
* Adding tests using the Jest testing framework to ensure reliability with the user notification feature

**HackBeanpot Inc,** Boston, MA May 2019 – Present

*Core Team - Sponsorship*

* Working in an agile environment to organize and run an annual hackathon for approximately 200 Boston students
* Designed a detailed sponsorship packet and reached out to dozens of companies for financial backing
* Leading a team of three in revamping the judging system for students’ projects to be more holistic and efficient

**DoubleBridge Technologies,** Princeton. NJ July – August 2019

*Mobile App Development Intern*

* Researched and presented the use of Android Studio for mobile development in Java
* Developed an application that allows users to perform CRUD operations on MySQL database using a PHP framework
* Created another Android app that makes API calls asynchronously using REST API and parses through JSON data

**PROJECTS**

**CrimePot** (Hack Beanpot) February 2019

* Implemented Google Maps API with HTML/CSS/JS to place markers representing crimes on a map of Boston based on values inputted by the user.
* Used a RESTful API to make HTTP requests using the Flask microframework to retrieve data from the Boston government Crime Incidents Reports through a CKAN action API.
* Filtered through the JSON data based on user parameters and then converted to GeoJSON in Python through Flask.

**ExCELlence – The Easy Animator** (Course Project) June 2019

* Created a program that allows a user to input instructions and returns an animation either in textual form, as an SVG file, or as a visual representation using Java’s Swing library.
* Added functionality that gives the user the ability to scroll through the animation, pause/play, loop, etc.
* Organized the project using the MVC structure to ensure loose coupling and focus on object-oriented principles.