

# Hongbin (Benson) Guan

230 N Craig St, Apt 603 Pittsburgh, PA 15213

(336) 608-0596

bensonguan15@gmail.com

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## EDUCATION

### Carnegie Mellon University, Heinz College

*Master of Information Systems Management*

*Coursework: Web Application; Data Structure for application programmers; Object Oriented Programming in Java.*

Pittsburg, PA

*August 2019 – present*

### Wake Forest University, School of Business

*Master of Science in Accountancy*

GPA: 3.84/4 | Honors: Graduate with Distinction; Beta Gamma Sigma

Winston-Salem, NC

*December 2017*

### Sun Yat-Sen University, School of Business

*Bachelor of Science in Financial Management*

GPA: 3.9

Guangzhou, China

*June 2016*

## CODING PROJECTS/EXPERIENCE

### Go Dining!

*September 2019*

- Created a dining restaurant front-end website with menu server based on MVC architecture using HTML, CSS/Bootstrap, Django template language and interacted with UI through JQuery Ajax HTTPs.
- Handled back-end database with SQLite3 to process customer requests and implement functions;
- Deployment of the application to Microsoft Azure Platform using PostgreSQL.

### Escape Game

*July 2019*

- Designed a game with Java where users can try to escape from a world randomly generated by algorithm.
- Implemented features to enable New Game, Load, Save and Quit options and to enhance interactivity with users by both keyboard and console input.
- Location and status are displayed simultaneously with update of each movement by the player.

### BearMap

*July 2019*

- Programmed the backend of a map webserver with full functions with Java.
- Implemented Dijkstra's algorithm to return shortest path solution given the two sets of coordinates provided by user and used KdTree to find the closest neighbor of the given point.
- Designed autocomplete function for searching with Tries structure.

### Yelp Review

*October 2018*

- Preprocessed Data and conducted feature engineering on data using panda, numpy, scikit-learn, matplotlib with Python.
- Classified Yelp Reviews into 1 to 5 star categories based off the text contents using Natural Languages Processing.

## PROFESSIONAL EXPERIENCE

### Deloitte & Touche LLP

*Audit & Assurance*

New York, The United States of America

*January 2018 -May 2019*

- Managed project progress by coordinating with the India teams; Performed audit procedures focused on TMT industry.
- Used Tableau and Power BI for financial data visualization to analyze financial performance and identify areas of risks.
- Responsible for the UX design of the new audit platform Omnia. In charge of user feedback analysis using Tableau and provided feedback and insights to development teams.

## ACHIEVEMENTS/AWARDS

- First-class merit-based Scholarship, Sun Yat-Sen University *Spring 2015*
- Study Abroad: Bocconi University, Milan, Italy *Fall 2014*
- Runner-up of KPMG National Accounting Case Analysis Competition *Spring 2014*

## TECHNICAL PROFICIENCIES

- Java, Python, R, JavaScript, Tableau, SQL, HTML, CSS, Django, Azure, AWS, Ajax, JQuery.
- USA Licensed Certificate Public Accountant (CPA); Proficient in Chinese Mandarin and Cantonese; Basic Italian;