

BENSON TSAI

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EDUCATION

New York University, New York, NY

May 2017

BS/MS Accelerated Program in Computer Science with minors in Business Studies and Biomolecular Science, GPA: 3.56

The University of Melbourne, Melbourne, Australia

March-July 2015

Global Engineering Education Exchange Program

Shixi High School, Shanghai, China

June 2012

High School Graduation Certificate

SKILLS

Applications MS Office, Photoshop, Video Studio, Illustrator, Dreamweaver, AutoCAD, Photo Impact, Flash, 3Ds Max, CAXA

Programming languages C++, Python, Visual Basic, SQL, PHP, HTML, CSS, C, JavaScript, Java

Languages Fluent in Mandarin Chinese and English; Know Taiwanese, Shanghainese and some Japanese, Spanish

ACADEMIC PROJECT

New York University, Brooklyn, NY

eHarbinger

Fall 2015

- Provided back-end interfacing functionality between user interface and database using PHP, HTML and C++
- Developed gamer matching algorithm based on user questionnaire responses

Undergraduate Summer Research Program: Evaluating the Effectiveness and Kernel Footprint of Lind

June 2014-August 2014

- Assisted in testing kernel footprint of the sandbox by configuring and running fuzzing programs
- Contributed in creation and debugging of test cases in C programming language

Wildbook

Spring 2014

- Designed front-end user interface for the social media site using PHP, SQL and HTML
- Created relational schema for back-end of the site using MySQL

Polytechnic Institute of New York University, Brooklyn, NY

Fall 2012

Laboratory Retriever – Retrieval and Delivery System

- Handled programming and testing of robot in Mindstorms programming environment
- Drew precision course map and planned robot path using Photoshop

ACTIVITIES AND HONORS

- NYU Inter-Residence Hall Council Presidential Award, Fall 2015
- NYU-Poly Dean's List, Fall 2012 and Spring 2013
- NYU Crew Team, September 2015-Present

EXPERIENCE

New York University, New York, NY

Graphic Designer, Aviation Club at NYU

January 2016-Present

- Design marketing material including poster, pamphlet and social media kits to assist in recruitment of new members to the club

Orientation Captain, NYU Tandon School of Engineering

November 2015-Present

- Ensure smoothing execution of orientation program through communication with directors of various academic departments
- Lead orientation sessions along with a team of three orientation captains

Director of Training & Development, NYU Clark Hall Council

September 2015-Present

Inter Residence Hall Council Representative, NYU Brooklyn Hall Council

September 2014-December 2014

- Coordinate residence hall affairs between IRHC and NYU Brooklyn residence halls through weekly meetings
- Communicate with university officials on residence hall issues that require attention at high level

Tutor, Computer Science, Polytechnic Tutoring Center

September 2013-Present

- Tutor students during walk-in workshops in Python, C++ and Data Structures and Algorithms
- Help students reinforce and organize material covered in their courses

Orientation Leader, NYU Polytechnic School of Engineering

August 2014; August-September 2015

Welcome Week Leader, NYU Welcome Week

August 2013; August 2014; August-September 2015

- Helped incoming freshmen transition to NYU by answering questions, leading tours and crowd management
- Coordinated with 12 captains and 300 leaders to ensure smooth execution of various large events throughout the week

Web Assistant, NYU Stern School of Business

September 2014-December 2014

- Participated in the user experience design process for refresh of SternLink, Stern's user portal

Tutor, General Math Workshop, Department of Mathematics

September 2013-September 2014

- Tutor students during walk-in workshops in pre-calculus, calculus I and calculus II

Washington Square News, New York, NY

February 2014-June 2014

Senior Web Editor

- Collaborated with a team of three to produce web edition of special issues of NYU's student newspaper (six in total)
- Coordinated with editor-in-chief and creative director to incorporate key elements in web edition using Photoshop and CSS