Y I C H E N (A N T H E A) L I

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Education

Boston University, Boston, MA   2014 – 2018
College of Arts and Sciences   *Summa Cum Laude*   GPA: 3.91 / 4.00
    Bachelor of Arts in Economics and Mathematics Joint Degree   Major GPA: 4.00 / 4.00
    Bachelor of Science in Computer Science   Major GPA: 3.98 / 4.00
    Minor in Business Administration

Leadership Activities and Honors

- College Prize for Excellence in Computer Science   2018
- Summa Cum Laude   2018
- Boston University Arts Initiative Research Award   2018
- UROP summer Research Award   2018
- Dean's List (All Semesters)   2014 – 2018
- LOCK Honorary Society, *Event Committee, Finance Tutor*   Jan 2016 – 2018
- Beta Gamma Sigma Honorary Society   Jan 2016 – 2018
- Delta Kappa Alpha, National Professional Cinematic Fraternity   Sept 2014 – 2018

Skills

Software Engineering: Python, Haskell, Java, Ruby, C#, C++, C, Objective-C, Swift, Android Studio
Computer Graphics/Vision and AR/VR: Unity3D, ARKit, ARCore, Tango, Simmetri, OpenCV
Data Analytics: STATA IC, Pandas, R, Matlab, MongoDB, Bloomberg, and Microsoft Office

Work and Research Experiences

Boston University CS Department • shape.bu.edu   *Research Assistant*   Sept 2017 – Present•
- Program in Unity3d and Java to analyze and visualize 3D model stability as well as provide various stabilization solutions as ready to be 3d-printed meshes and collaborate with research PI
- Use ARKit and Google Tango to achieve real-time 3d model auto-recognition and visualization with stability analysis in augmented space
- Create mobile apps in Swift and Android Studio for iOS and Android platforms to provide museums with convenient stability analysis and stabilization solutions

Spark! Lab, Boston, MA *Developer and Programming Consultant*   Sept 2017 – May 2018
- Develop the Diet, News Feed, and Catalog functionalities in Java/Android Studio Collaborate in a team of five to build an app for the Health and Fitness company Global Joy
- Hold weekly meetings with clients and designed new development strategies to satisfy new customer needs in an agile development environment
- Work on a machine learning supply demand matching algorithm in a team of three to optimize the matching between health coach and customer

Revlon, London, U.K. *Financial Analyst Intern*   June 2017 – August 2017
- Perform financial analysis on periodic weekly sales data with respect to time, location, SKUS, brand launches, and seasonal factors to provide insights for the finance and retail team
- Create presentations for the monthly finance and retail meeting focusing on major brand pillars to guide future marketing and retail efforts
- Use Python and other data mining tools to analyze the macro market and seasonal industrial trends with historical data provided to strategize for future marketing, branding, and product innovation efforts

Additional Skills

Media Production and Other: Avid Media Composer, Adobe Creative Suite, Autodesk 3Ds Max,
Language Skills: Bilingual proficiency in Mandarin Chinese, Conversational proficiency in French