Alex Chen

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EDUCATION

The University of Texas, Austin, TX – BS Computer Science, **Turing Scholar**   **Graduating** May 2020
- Coursework: Algorithms and Data Structures - Honors, Discrete Mathematics for Computer Science - Honors, Advanced Calculus for Applications II - Honors

William P. Clements High School, Sugar Land, TX   August 2012 – June 2016
- Magna Cum Laude, National Honors Society, 4.0 Unweighted GPA, 5.83/6.0 Weighted GPA

EXPERIENCE

Luminate Wireless, Cupertino, CA   June 2015 – August 2015
OTA (Over the Air) Testing Intern
- Assisted with OTA testing of cloud activated LTE access points; created and ran Python scripts in Bash to collect wireless network information passed between moving mobile devices and multiple access points
- Collaborated with other interns and employees on larger software engineering projects and initiatives

PROJECTS

Star Student Planner Android Mobile App
- Designed and created a mobile student planner app to help high school students, for Android mobile devices
- Distinguished app from competition with unique features such as efficient task addition, options for extracurriculars activities, implementation of Google's material design, and more
- Published and marketed app on Google Play with screenshots and a promotional video

Java Bomberman
- Created the multiplayer video game Bomberman entirely in Java
- Programmed game mechanics such as power ups, basic movement, and precise hitbox detection
- Integrated graphical user interface, animation, and sound effects using JPanel, EventListeners, Timers, etc.

SKILLS

Programming Languages: Proficient in Java; Exposure to Python and Bash
Android App Development: Experienced in XML and Java for Android
- Finished Adam Porter's *Programming Mobile Applications for Android Handheld Systems* course on Coursera

Languages: Fluent in English and Mandarin; Basic skills in Spanish

ACTIVITIES & LEADERSHIP

- Mobile App Development, UT Austin
- Texas Ultimate Frisbee B-Team - Graze
- Clements Computer Science Club, **Officer**
- Clements Quiz Bowl Club, **Co-President**
- Sugar Land/Clements Varsity High School Ice Hockey Team, **Assistant Captain**

HONORS AND AWARDS

- University of Texas at Austin Presidential Scholar
- George Foundation High School Scholarship
- Multiple UIL Competitive Computer Science Awards
- USA Computing Olympiad, Gold Division
- HP CodeWars Houston Participant