Alexander Tsun

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Objective	Seeking a software engineering summer internship to gain industry experience and learn.
Education	**University of Washington,** *Seattle, WA* Graduation Year: 2017 (exp) Bachelor of Science in Computer Science, Mathematics GPA: 3.95, Junior Standing **Monta Vista High School,** *Cupertino, CA* Graduation Year: 2014 Weighted Academic 10-12 GPA: 4.44, Unweighted Cumulative GPA: 3.82
Project List	**DubHacks Hackathon – 1st Place for Use of MOJIO API** *(October 2014)* Part of a team of five to create *Rhythmic Ride*, an Android app using car and location data to determine speed and speed limits, and change music tracks to subconsciously change the driver's speed. Worked to play audio and ensure smooth transitions between songs. **Android Applications** *(Summer 2013)* Boy Scout *Merit Badge App* (10,000+ downloads) provides simple user interface for Scouts to look up requirements for popular and required merit badges. *ConnectMore* app (1,000+ downloads) is a variation of the Connect Four game.
Work and Volunteer Experience	**InstaEDU** *(Oct 2014 – Present)* Tutor computer science and mathematics online to high school and college students. **Brighter Future Learning Center** *(Jun 2012 – Aug 2012, Jun 2014 – Sep 2014)* Worked as a math teacher helping elementary and middle school students. Taught math from basic operations to algebra and geometry. **Eagle Scout (Boy Scouts of America)** *(2007 – 2014)* Planned and executed a service project to help a church tear down and construct a shed. Used Google sites to create a site for my patrol. **High School** *(Aug 2012 – Mar 2013, Aug 2013 – Mar 2014, Sep 2014 – Nov 2014)* Volunteered tutoring math and chemistry at my high school.
Technical Skills	**Languages**: Java, C++, JavaScript (experience) **Tools:** Eclipse, Microsoft Visual Studio, Google Docs/Sites, Microsoft Office
Honors and Awards	Direct Admission to UW's CSE Department (~5% acceptance rate) Dean's List (Autumn 2014, Winter 2015) Eagle Scout National AP Scholar
Computer Science Courses	*CSE 143*: Computer Programming II, *CSE 332:* Data Abstractions *CSE 311*: Foundations of Computing I, *CSE 312*: Foundations of Computing II AP Computer Science (A, A), Beginning Programming Methodologies in C++ (A) Game Development (A), Introduction to Java Programming (A, A)
Math Courses	*MATH 126*: Calculus III, *MATH 307*: Differential Equations *MATH 327*: Introductory Real Analysis I AP Calculus BC (A, A), AP Statistics (A, A), Discrete Mathematics (A)
Planned Courses (2014-2015)	*CSE 351*: The Hardware/Software Interface, *CSE 390A*: System and Software Tools *MATH 308*: Matrix Algebra, *MATH 328*: Introductory Real Analysis II
Math Competitions	*American Mathematics Competition (Honor Roll)*: AMC 12A (105), AMC 12B (108) *American Invitational Mathematics Examination*: AIME I (4)
Standardized Tests	*ACT Composite*: 34, *SAT I (Superscore)*: 2270 *ACT/SAT Individual Subject*: ACT Math (36), ACT Science (35), SAT I Math (800), SAT II Math (800), SAT II Chemistry (790)
Android Application Links	https://play.google.com/store/apps/details?id=com.alextsun.MeritBadgeApp&hl=en https://play.google.com/store/apps/details?id=com.alextsun.ConnectMore&hl=en