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|  | Matthew Zhan  3106 Duval Street apt 304, Austin, TX 78705 |  matthewzhan@utexas.edu  |  512-577-7517 |
| Objective | Eager electrical engineering student pursuing industry experience through an internship in software engineering, offering a strong background in object-oriented programming and communication skills to mesh with a software development team. |
| Experience | **Intern** ▪ national science foundation6/14/14 – 8/9/14 **|** George mason univ. spatiotemporal innovation centerSimplified analysis of large, cloud-stored geodata files by developing middleware to quickly render geomaps using interpolation algorithmsAssessed behavior patterns of app-users using GPS data to profile their movement  * Accelerated development progress by regularly exchanging critique in meetings  **tutor** ▪ sanger learning center9/1/13 – 5/8/14 **|** University of texas at austinMentored EE students to hone their knowledge, effectively solve problems, and efficiently study for tests  * Reduced challenging problems as a team of tutors and students, collaborating on thorough and simple solving strategies |
| Education | **University of texas at austin**may 2016 **|** bachelor of eleCtrical engineering Major GPA: 3.56  Related Courses: Real-time Operating Systems, Concurrent and Distributed Systems, Algorithms, Computer Architecture, Software Design II, Communications, Discrete Math, Digital Logic Design, Differential Equations, Linear Systems and Signals, Probability   * Member of UT Engineering Honors Program * Recipient of Charles C. and Lula May Wilson Endowed Scholarship Fund |
| skills | Proficient in Java with more than six years of experience Significant experience with C, C++, Assembly, and ARM embedded systems Self-critical and always striving for excellence |
| Communication | Strong writer and editor, receptive listener, and devoted to helping others Communications class project leader   * Lead formal proposal development from conception to final presentation * Produced detailed work through managing meetings and delegating project roles   Author and Orator ▪ Orientation Event Behavior Analysis Abstract 4/23/15 **|** AMERICAN ASSOCIATION OF GEOGRAPHERS 2015 CONFERENCE **|** CHICAGO, IL   * Detailed research conclusions and the thought process and analysis methods to profile participants’ movement in a university orientation treasure hunt event using GPS data sampled from their phones |