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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 a full-time position, offering a strong background in object-oriented programming and communication skills to mesh with a software development team. |
| Experience | **Intern** ▪ Polycomjuly 2015 – present **|** austin, txAccelerated company transition to automated testing by developing a GUI editor to easily create and manage hierarchical state machines and port them to C++ modelsQuickly deployed a useful tool with immediate impact within one month through effectively adapting prototypes to evolving requirements from regular presentations and meetingsIndependently developed program features with frequent consultations on functionality and user interface, implementing original designs for utility, usability, and visual clarity**Intern** ▪ spatiotemporal innovation centerjune 2014 – august 2014 **|** george mason university, fairfax, vaSimplified analysis of large, cloud-stored geodata files by developing middleware to read from and 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 centeraugust 2013 – may 2014 **|** austin, txMentored EE students to hone their ability to effectively solve problems and efficiently study for tests  * Reduced challenging problems as a team of tutors and students, collaborating on thorough and simple problem 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 over six years of experience Significant experience with C++, C, and ARM embedded systems |
| Communication | **Visual Statechart** ▪ Polycom Tech Talk **|** 2015 **Orientation Event Behavior Analysis** ▪ AAG Conference **|** 2015 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 cohesive, detailed documents through managing meetings and project duties |