

Matthew J. Hruz

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EDUCATION	<i>Bachelor of Science, Computer Science</i> Pursuing Minors in Mathematics and Psychology expected graduation May 2016 3.077 Cumulative GPA	The University of Tulsa
TECHNICAL SKILLS	<i>Proficient with:</i> Java, Git, Bash, Eclipse (Java IDE), JavaScript for Node.js web applications <i>Knowledge of:</i> Python, HTML, Bootstrap, Ruby on Rails	
EXPERIENCE	<i>Institute for Bioinformatics and Computational Biology</i> The University of Tulsa, Researcher	June 2014 - Present
	<ul style="list-style-type: none">• Envisioned, designed, and currently developing a web and mobile application for the Laureate Institute for Brain Research's study on Bipolar Disorder• Collaborating with a team of two other developers• Designed and implemented a database with PostgreSQL• Developing and testing a Node.js back-end, using the Passport, Express, activedirectory and pg node modules.• Utilizing Phonegap to create a mobile version of the web application	
COURSEWORK	Introduction to Algorithms, Discrete Mathematics, Introduction to Operating Systems, Computer Organization and Assembly, Introduction to Game Programming, Data Structures, Discrete Mathematics, Database Systems, Comparative Programming Languages, Computer Security	
LEADERSHIP & EXTRA-CURRICULAR ACTIVITIES	<ul style="list-style-type: none">• Co-Founder and current President of the Special Interest Group for Computer Graphics (SIGGRAPH) chapter at the University of Tulsa• Participated in multiple 24-hour Hackathons sponsored by the ACM chapter at the University of Tulsa. Projects ranged from creating a website to creating a 2D video game.• Competed in the 2013 South Central Regional International Collegiate Programming Competition (ICPC)• Competed in the 2015 Southwest Collegiate Cyber Defense Competition (SWC-CDC). Finished in 2nd place• Resident Assistant at the University of Tulsa during the 2013 - 2014 academic year• Previously participated in the Boy Scouts of America. Attended National Youth Leadership Training and achieved the rank of Eagle Scout	
ADDITIONAL HOBBIES	Homebrewing - I have brewed a Belgian Amber Ale and, recently, a Wheat Beer for an Easter Celebration at the Catholic Newman Center on campus.	