

István Steven Gates

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OBJECTIVE	Seeking summer position to increase my rate of learning and apply Mathematics/CS to solve problems.		
EDUCATION	The University of Akron , Akron, Ohio, USA		
	<ul style="list-style-type: none">▪ Double Major (Bachelors) in Computer Science and Applied Mathematics• Spring 2018 expected graduation date• GPA: 3.20		Aug 2014
WORK EXPERIENCE	Complex Engineering Systems Lab (CESL) , The University of Akron		
	<ul style="list-style-type: none">▪ Undergraduate Research Student• Supervisors: Dr Shivakumar Sastry• Research areas: Full stack development for real time exercise error corrections using Kinect camera.• Created process flow modeller to allow domain experts to conduct 'Motivational Interviewing'• Created abstraction layer for open source project Gephi, a graph-network analysis tool		May 2015 – Present
AWARDS	<ul style="list-style-type: none">▪ Grand Prize Winner, Knurld Online, Knurlverse• 3 month global online competition. Best Android/iOs▪ Prize Winner, AngelHacks, Platform 84.51• A competition geared towards Jr/Sr devs. Best Machine Learning Project, & Largest Impact▪ Grand Prize Winner, UncommonHacks, University of Chicago• Out of 260 participants. Best Overall & Best Security▪ Prize Winner, HackCWRU, Case Western Reserve University• Out of 460 total participants. Best Improvement on Undergrad Life▪ Grand Prize Winner, Fashion Tech Hackathon, Kent, Ohio• Out of 253 total participants. Best Creation of New Technology		
			Jun 2016
			Jun 2016
			Apr 2016
			Feb 2016
			Jan 2016
NOTEABLE PROJECTS	<ul style="list-style-type: none">▪ Twotch-Scraping• Programmed using Python and SQL• "Big Data" infrastructure which allows any developer to collect message data from streaming platform twitch.tv• Platform collects ~7 million messages a day and stores in 5th-normal form database• Supports real-time analysis of incoming data stream as well as static analysis• Created data visualizations using Python's matplotlib & plot.ly hosting service▪ Mirror Mirror• Programmed using C#, PHP, and SQL• Built a 'Smart Mirror' which overlays a dynamically generated clothing catalog items onto user• Developed collaborative-filter recommendation system, and RESTful API• Recommendation system takes user inputs (Like and Dislike), creates a clothing catalog for user• Using Kinect joint data, clothing images are overlayed onto user and scales to user's body		
			Jul 2016
			Jan 2016
CAMPUS ACTIVITIES	IEEE Student Chapter , The University of Akron		
	<ul style="list-style-type: none">▪ President• Restored student chapter• Increased membership from 8 to 67 students• Secured sponsorship from University of Akron Honors College• Created and managing IEEE-funded project design teams (10 students)• Increased number of competitions attended per year from 1 to 4• Led programming workshops - taught C and Git/GitHub▪ Secretary• Planned all student meetings• Increased membership from 6 to 23 students• Scheduled speakers and organized events		Sep 2015 – Present
			Nov 2014 – Sep 2015