

István Steven Gates

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EDUCATION

The University of Akron, Akron, Ohio, USA

- Double Major (Bachelors) in Computer Science and Applied Mathematics Aug 2014
 - Spring 2018 expected graduation date.
 - GPA: 3.20

WORK

EXPERIENCE

Complex Engineering Systems Lab (CESL), University of Akron

- Undergraduate Research Student May 2015 – Aug 2015
 - Project: Motivational Interviewing Expert Systems Development
 - Supervisors: Dr Shivakumar Sastry and Mr Prasad Fernando
 - Research areas: Developed content organization tool as well as visualizer.
 - Defined and organized question-response links in order to create dynamic "interview".

PROJECTS

- Enigmatic Apr 2016
 - Programmed using JavaScript, NodeJS, & SQL
 - Chrome Extension w/ companion mobile app provides heavily abstracted end-to-end encryption.
 - User never knows their message was encrypted, or that they decrypted a message.
 - Developed RESTful API to support extension, and implemented encryption methods.
 - Aided in DOM traversal methods for automatic decryption methods.
- GeoHunt Feb 2016
 - Programmed using PHP, NodeJS, SQL, and Python.
 - Chrome Extension to give a personalized apartment-hunting experience.
 - Developed back-end web servers, database, and apartment/transaction analysis algorithms.
 - After transaction data analysis, user may highlight any address they are interested in learning about.
 - The location is analyzed and a report is generated for the user.
- Mirror Mirror Jan 2016
 - Programmed using C#, PHP, and SQL.
 - Built a 'Smart Mirror' which overlays a dynamically generated clothing catalog items onto user.
 - Developed a collaborative-filter recommendation system, and communication with web server.
 - Recommendation system takes user inputs (Likes and Dislikes) and creates profile for each user.
 - Using Kinect joint data, clothing images are displayed and scales with the user's movements.

AWARDS

- Grand Prize Winner, UncommonHacks, University of Chicago Apr 2016
 - Out of 260 participants. Best Overall & Best Security
- Grand Prize Winner, HackCWRU, Case Western Reserve University Feb 2016
 - Out of 460 total participants. Best Improvement on Undergrad Life
- Grand Prize Winner, Fashion Tech Hackathon, Kent, Ohio Jan 2016
 - Out of 253 total participants. Best Creation of New Technology
- Grand Finalist, Hyland Hackathon, West Lake, Cleveland Dec 2015
 - Out of 127 total participants. With project BARNRAISR

CAMPUS

ACTIVITIES

IEEE Student Chapter, University of Akron

- President Sep 2015 – Present
 - Restored student chapter.
 - Increased membership from 8 to 20 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 Nov 2014 – Sep 2015
 - Planned all student meetings.
 - Scheduled speakers and organized events.