Tim Hung

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Education

Binghamton University, State University of New York, Thomas J. Watson School of Engineering and Applied Science
Bachelor of Science in Computer Science and Bachelor of Arts in Mathematics   Expected May '18
Lyle & Dorothy Feisel Scholarship | University Scholars (Top 2%) | ΠME Math Honor Society | Watson Dean's List

Skills

Coursework	Data Structures, Algorithms, Automata Theory, Operating Systems, Graph Theory, Combinatorics
Technical	Java, C++, Python, JavaScript, C♯, SQL, HTML/CSS
Tools	Node.js, Open CV, Android Development, Git, Agile, UNIX Command Line, Vim
Languages	Fluent: English, Mandarin Chinese	Proficient: Spanish, Taiwanese Hokkien

Experience

Bloomberg L.P.   New York, NY
Software Engineering Intern | Data, Web, & Analytics   Jun '17 – Aug '17
- Enrich internal applications by leveraging geolocation data to refine search functionality
- Update 3-tier architecture to dynamically build DB queries through multiple services and display with Angular.js

Microsoft Corporation   Bellevue, WA
Software Engineer/Product Manager Intern | Cortana/ASG   May '16 – Aug '16
- Developed platform to extend Cortana compatibility with over 340 new services in a team of 3
- Built architecture to integrate existing Cortana technologies with third party APIs using MS Azure

Binghamton University Computer Science Department   Binghamton, NY
Course Assistant for CS-140: Object Oriented Programming   Sep '15 – Jan '16
- Guided, taught, graded, and held office hours for class of 30 students

Binghamton ACM Student Chapter Executive Board   Binghamton, NY
President   Jan '15- Present
- Organize and run monthly ACM Programming Competitions and weekly tech workshops to promote CS on campus

Projects

fbmsgparse   Binghamton, NY
Text Preprocessing Python Module   May '17
- Built module to clean, organize, and preprocess Facebook message history

Exploring Triangulation   Binghamton, NY
Image Processing Research   Dec '16
- Researched and developed methods to geometrically triangulate photographs for low-poly art and compression
- Implemented feature/corner detection and Delaunay triangulation to segment images

My Facebook Home   Dallas, TX
IoT Chatbot @ HackDFW | 1st Place out of over 350 competitors   Apr '16
- Developed a home automation chat bot for Facebook Messenger in 24 hours in a team of 3
- Wrote a primitive NLP backend for command recognition and a built a home security camera web client

dinotes   American Museum of Natural History
Paleontology Documentation Web App @ Hack the Dinos   Nov '15
- Built cross-device friendly web client to aid research paleontologists in documenting expeditions in a team of 5

Competitions

ACM Regional Collegiate Programming Competition (ICPC) at Manhattan College | Team Coach   Nov '16
ACM Regional Collegiate Programming Competition (ICPC) at Queens College | Team Coach & Competitor   Nov '15
ACM Programming Competition at Binghamton University | 3rd Overall and Freshman Prize   Dec '14
ACM Regional Collegiate Programming Competition (ICPC) at St. Joseph's College | 4th Fresh/Soph team   Nov '14