

## MICHAEL J. YANG

(956) 373-6884 | myang97@utexas.edu | <https://www.linkedin.com/in/myang97> | <https://github.com/myang97>

### EDUCATION

#### University of Texas at Austin

Candidate for Bachelor of Science in Computer Science, Foundations of Business Certificate, 4.0/4.0 GPA

Relevant Courses: Data Structures and Algorithms, Discrete Math, Probability and Statistics

Expected Graduation May 2019

Austin, TX

### WORK EXPERIENCE

#### Neon Underground: Software Developer Intern, Los Angeles, CA

June 2016 – August 2016

- Created a music player website that scrapes available songs from popular Twitter playlists and generates a user-preferred playlist.
- Developed front end UI/UX using HTML, Javascript, CSS and AJAX and back end using Java, Tomcat and Apache Derby.
- Managed infrastructure, architecture, and network in AWS using EC2 and Route 53.
- Implemented several Song classes in order to use inheritance and polymorphism techniques for more readable code.

#### Texas A&M University: Summer Research Analyst, College Station, TX

June 2014 – August 2014

- Assisted Professor Jianhua Huang in conducting analysis and determining trends on common flu data with Java.
- Utilized ArrayLists, Scanners, Sorting and BufferedReaders to sort data and Excel to generate graphical heat map representations.

### PROJECTS

#### Tilt

April 2016– Present

- Created an Android app, initially at HackDFW, that requires the user to tilt several balls into a black box within a time constraint.
- Utilized Canvas and the Accelerometer to allow the device to display the objects and move them around.
- Developing multiple levels for increasing difficulty for the user and adding a leaderboard database for scorekeeping.

#### USnoozeULose

May 2016 – June 2016

- Worked in a team and created an Android alarm clock that donated to charity every time the user pressed the snooze button.
- Implemented Capital One's Nessie API to demo how bank customers would have to pay if they did not wake up on time.
- Utilized Alarm objects and several different views in order to get the alarm screen to be functional and user-friendly.
- Coordinated with team members and used Github to track and update the progress of the app.

#### Article Summarizer

March 2016

- Created an Android app at Design Hacks that allows the user to view a summarized version of an article after link is submitted.
- Implemented Intellexer's Natural language Processing API to summarize and display a certain amount of sentences based on user input.
- Obtained and compiled the JSON data returned by the API for a user-friendly experience.

### EXTRACURRICULARS & ACTIVITIES

#### Violin and Piano

January 2002– Present

- Studied violin for over six years and piano for over twelve years and composed individual music pieces.
- Assembled, organized, and directed a group of six musicians to perform carols at nursing homes during the holidays, concerts with AMCHS/STYS orchestras, Marianne Anderson String Quartet and Sam Houston Chamber Music.

#### Competitive Programming and Mobile Application Development

August 2015 – Present

- Program with a team and individually to solve algorithm problems in competitions hosted by various companies.
- Attend programming workshops to increase knowledge and become a more efficient/effective programmer
- Adapt and understand the functions of JavaScript and Android application development.

#### Student Clubs & Associations (Leadership Roles)

August 2015 – Present

- UT Chinese Student Association (Webmaster), UT Texas Table Top (Treasurer), South Texas Youth Symphony (Concertmaster)

### AWARDS & RECOGNITIONS

#### Capital One Software Engineering Summit

May 2016

- Worked with 30 selected individuals to be immersed in the technologies that Capital One uses, such as AWS, Heroku, React.js, Mobile Dev.
- Led a team of five programmers in a sponsored hackathon and created an Android alarm clock that donated to charity every time the user pressed the snooze button; utilized the Nessie API and multiple Alarm objects.

#### Freshman Case Competition

October 2015

- Worked with a team of four people to create an innovative solution to solve a problem on Mars and placed as a finalist team.

#### National Piano Award

May 2006 – May 2015

- Received eight total Bach, Sonatina, Irl Allison and Sonata National Awards (given to less than 10 pianists nationally every year).

#### Business Professionals of America: Workplace Skills Assessment Program (WSAP)

January 2015 – May 2015

- Placed 2<sup>nd</sup> in Java Programming, Finalist and 6<sup>th</sup> in Small Business Management Team at State, advancing to Nationals

### SKILLS

- **Technology:** Java (4+ years), SQL, HTML, CSS, JavaScript, Apache Derby/Tomcat
- **Interests:** Legos, Violin, Piano, Basketball, Ping Pong, Reading, Memorizing Pi, Working Out, Rubik's Cubing, Board Gaming, Solving Puzzles