

Xing Gao

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EDUCATION

University of Illinois at Chicago

PhD in Mathematics

GPA: 3.75/4.0

Chicago, IL

Aug 2020 to date

Georgia Institute of Technology

MS in Computer Science

GPA: 4.0/4.0

Atlanta, GA

Aug 2017 – Aug 2020

Georgia Institute of Technology

MS in Electrical Engineering

GPA: 3.66/4.0

Atlanta, GA

Aug 2013 – Dec 2014

Georgia Institute of Technology

BS in Electrical Engineering

GPA: 3.85/4.0

Atlanta, GA

Aug 2010 – May 2013

WORK EXPERIENCE

Accenture Federal Services

JavaScript/UI developer at Informed Visibility – Mail Tracking

Washington, DC

March 2016 – Jan 2018

- Worked on building the web UI of an enterprise web application “USPS Mail Tracking” (<https://iv.usps.com>).
- Developed web application using HTML, CSS and Angular JS framework.
- Worked on RESTful web service in Java and integration between front end and back end.
- Worked closely with requirement/functional team to analyze business requirements and design.

JavaScript/UI developer at Informed Visibility – Service Performance Measurement

Aug 2015 – Feb 2016

- Developed data visualizations used in all the SPM web application reports.
- Created dynamic and interactive customized visualizations using D3 JS and Angular JS.
- Improve user experience with transitions and animations to provide better understanding of dynamic data.
- Worked with jQuery DataTable plug-in to display data in an interactive table in addition to the visualizations.

Marlabs Inc.

Programmer Analyst Intern

Piscataway, NJ

March 2015 – July 2015

- Gained experience in J2EE technologies.
- Hands-on experience with HTML, HTML5, CSS3 and Bootstrap.
- Worked on full-stack projects/assignments to practice programming skills.

Georgia Institute of Technology

Graduate Teaching Assistant

Atlanta, GA

Aug 2013 – May 2014

- Led lab sessions for intro level digital signal processing class using Matlab.
- Held office hours and graded homework and lab reports.

PROJECT WORK

Computational Perception Lab, Georgia Institute of Technology

May 2013 – July 2013

AutoRally Autonomous Car Project

- Worked on transforming the gas-engine platform to electric-powered platform.
- Managed data and power flow between different components.
- Installed and repaired components on the vehicle.

Georgia Tech Research Institute

Robotics Vertically-Integrated-Project

Aug 2012 – Dec 2012

- Worked on perception using Kinect installed on a TurtleBot.
- Developed code using ROS and OpenCV for image processing and object detection.

SKILLS

Programming languages: Python, JavaScript, Java, C/C++

Web technologies: JavaScript, Angular JS, React, HTML5, CSS3, Bootstrap, jQuery, D3.js, Node JS, RESTful API, XML, JSON, Spring MVC framework, Hibernate, JDBC, Cassandra