

# Ziyin Zhang

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## EDUCATION

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- Georgia Institute of Technology**, Atlanta, GA Expected: May 2017
- GPA: 3.61/4.00
  - Candidate for Bachelor of Science in Computational Media (BSMS)
  - Concentrate in Media Game Studies
- The University of Georgia**, Athens, GA Aug 2013 – May 2015
- GPA: 3.80/4.00
  - Computer Science Major; completed Studio Art Minor

## SKILLS

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**Programming skills:** Java, C, C#, HTML, Python, JavaScript, AngularJS, UNIX operating system, Git version control, MySQL  
**Media Technologies:** D3 (Data visualization library), openCV (Computer vision library), Unity3D Game Engine, Unreal Engine  
**Multimedia software:** Adobe Photoshop, Premiere, Lightroom; Sony Vegas Pro  
**Communication skills:** Public Speaking, Presentation, Teamwork, Project Management

## PROJECTS

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- IMPRINT Event Hosting Site** June 2016
- Built an interactive web app based on concepts from *Atlanta Community Engagement Playbook*
  - Front end implemented using AngularJS 2+, back end using Node.js
  - Worked in a group of 4 as leading software engineer
- GBAM Music Wristband** June 2016
- Built a wearable device using Arduino, I2C, and accelerometer sensor MPU-6050
  - Incorporated sensor data to create an audio mixer in Processing with real-time gesture recognition for gesture commands and mixing audio based on wrist movement
  - Worked in a group of 3 as leading software engineer
- Web Application for Cinema Database** July 2016
- Designed and built a website with HTML and AngularJS for a movie ticket website
  - Server side communicating with MySQL server, using socket.IO to transfer data to client side
  - Worked in a group of 3, collaborated using Git version control
- Story building Web App: weStory** Dec 2015
- Created using JavaScript, HTML, and CSS, implemented Node.js and socket.IO to allow real time collaboration on different devices
  - Worked in a group of 3 as software engineer
- Data Visualization: Fairy Tale Map** Oct 2015
- Using search queries with hundreds of keywords to request and analyzed data from Digital Public Library of America.
  - Visualized data on interactive map according to the spatial data in Processing

## WORK EXPERIENCE

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- BeenaVision**, Norcross, GA Aug 2016 – Dec 2016  
*Software Engineer Intern*
- Analyze large amount of data in a SQL database
  - Worked in front-end web development, visualize analyzed data using D3 library
  - Complete and assist with basic departmental tasks such as network maintenance and bug fixing

## LEADERSHIP

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- UGA Chinese Undergraduate Student Association**, Athens, GA Fall 2013 - Fall 2014  
*Design chair of Promotion Committee*
- Assisted colleagues in organizing university events
  - Planned advertisement for major Chinese festival events, promoting Chinese culture by designing posters using Photoshop