

# Kevin Lin

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## Education

### WAKE FOREST UNIVERSITY

Bachelor of Science in Computer Science, May 2016  
Major GPA: 3.7

Winston-Salem, NC  
August 2012 — Present

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## Work and Experience

### Time Inc

Software Engineer Intern

New York, NY  
June 2015 — August 2015

- Designed and developed the web application of the Digital Asset Management (DAM) system, using Bootstrap and JavaScript (with jQuery)
- Implemented the web app to dynamically create input forms based on the current live schema fetched from S3
- Packaged the app's generated data to make RESTful AJAX calls to DAM and backup servers
- Created JSON schemas that defined, and also validated Time's advertisement data

### Taiwan Semiconductor Manufacturing Company (TSMC)

Software Engineer Intern

Hsinchu, Taiwan  
May 2014 — July 2014

- Developed custom GWT UI widgets using Google Web Toolkit in Java, complete with unit testing, for integration with inventory management applications from the ERP team
- Conducted internet-based instruction sessions for TSMC proprietary applications developed by ERP

### Oculus Rift, Myo, Unity (VR)

HackNC Developer

Chapel Hill, NC  
October 2014 – October 2015

- Developed a fully immersive VR application using the Oculus Rift virtual reality headset and Unity game engine
- Utilized the Myo armband to incorporate motion control and gesture recognition for user inputs
- Architected and implemented the skybox, game logic, and Myo functionality of our project

### Association for Computing Machinery (ACM)

ACM-ICPC Contestant

Winston-Salem, NC  
August 2013 — Present

- Achieved first place among all Wake Forest teams in the 2014 competition
- Represent Wake Forest University annually in the ACM International Collegiate Programming Contest

### Website Development and Search Engine Optimization (SEO)

BikesHQ.com and ChismeVlog.com, Founder

Winston-Salem, NC  
August 2012 — Present

- Monitor and analyze the behaviors of more than 7,000 unique visitors a month by using data collected from Google Analytics and Webmasters Tool to reduce bounce rate and increase pageviews per session
- Optimize onsite SEO factors such as header tags, image alternative texts, content keyword density, canonical URL redirects, and the usefulness and relevancy of site content to consistently rank in major search engines

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## Skills and Interests

### Software Development

- Proficient in C++; experienced in C, CUDA, JavaScript, HTML, and iOS (Swift)
- Developed a RSA encryption system in C++, a Chrome Extension in HTML/JavaScript, and an iOS app in Swift
- Familiar with Bootstrap; jQuery; Node.js; REST; SQL; Linux; Parallel Computing; POSIX Threads; MPI; OpenMP

### Additional

- GitHub: <http://github.com/kwkevinlin>
- Upsilon Pi Epsilon (UPE) honor society member