

David Zhu

Full Stack Software Engineer
<http://dyzhu12.github.io>

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EDUCATION

University of Maryland, College Park

Bachelor of Computer Science

Honors College (Receiving citation on Nov. 6, 2015)

University of Maryland Dean's List

Expected Graduation: May 2016

GPA: 3.5

Fall 2012 – Spring 2015

WORK EXPERIENCE

Webs, Silver Spring MD

Part-time Software Engineer Intern

Oct 2015 – Present

- Created a new Icon module for the company's website builder product
- Implement Photoshop designs into responsive front end code
- Patched UX bugs for SiteBuilder 3

Summer Software Engineer Intern

Jun – Aug 2015

- Redeveloped and redesigned internal software for a new Node.js web application
- Implemented new features for the customer facing codebase and internal API endpoints
- Worked with agile development practices on a scrum team and conducted peer code review

University of Maryland Human Computer Interaction Lab, College Park MD

Feb – Oct 2015

Undergraduate Researcher

- Designed mockups for a new implementation of a pre-existing analytics dashboard
- Created an initial web application prototype using D3.js

Johns Hopkins Applied Physics Laboratory, Laurel MD

Jun – Aug 2014

Flight Software Intern

- Developed and modularized C code for future performance enhancements
- Integrated the new code with the RTEMS operating system

University of Maryland Institute for Advanced Computer Studies, College Park MD

May – Sep 2013

System Administrator

- Provided technical support in the network datacenter for various labs on campus
- Processed and parsed through LDAP information with bash scripting

TECHNICAL SKILLS

Frameworks

Node.js, React.js, Bootstrap

Languages

JavaScript, HTML/CSS, Java,
Ruby, C, C#

Software

Git, Jira, Photoshop, Unity

LEADERSHIP EXPERIENCE

Club Judo

Dec 2012 – Present

Secretary

- Maintained listserv of all group members and notified members of various upcoming events
- Managed group membership for returning members and new members
- Collaborated with the sports club governing body to attract new and prospective members