# David Zhu
Full Stack Software Engineer

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## EDUCATION

*University of Maryland, College Park*  Expected Graduation: May 2016
Bachelor of Computer Science  GPA: 3.6
Honors College
University of Maryland Dean's List  Fall 2012 – Present

## WORK EXPERIENCE

*Webs, Silver Spring MD*  Jun – Aug 2015
Software Engineer Intern
- 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 in an agile development on a scrum team and conducted peer code review

*University of Maryland Human Computer Interaction Lab, College Park MD*  Feb 2015 – Present
Undergraduate Researcher
- Designed mockups for a new implementation of a pre-existing analytics dashboard
- Created an initial web application prototype using D3.js
- Will work closely with project managers from Princeton and Georgia Tech

*Johns Hopkins Applied Physics Laboratory, Laurel MD*  Jun – Aug 2014
Flight Software Intern
- Worked under a Flight Software mentor on the NASA Solar Probe Plus mission
- 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
- Managed Windows and Unix hosts for users over 10 VLANs with 10-20 users each
- Processed and parsed through LDAP information with bash scripting

## TECHNICAL SKILLS

| *Frameworks* | *Languages* | *Software* |
| --- | --- | --- |
| Node.js, React.js, Bootstrap | JavaScript, HTML/CSS, Java, Ruby, C, C# | 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