Ryan Becwar
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Education
Clemson University, Class of 2017
Major: Computer Science | GPA: 3.47

Work Experience
Software Engineering Intern   Summer 2015, 2016
Blackbaud Inc.
- Designed and developed an internal system to monitor the deployment status of shared services using C#, and built an Angular JS website to display this data
- Worked on a small team to design and implement an accounting fraud detection system which received first place in a company-wide hackathon and is being integrated into Blackbaud's suite of accounting software
- Took on user stories as part of an engineering team, including feature development and bug fixes
- Developed a suite of web-tests to run against the RENXT product website which discovered nightly outages of a record service and hourly failures with an external CDN service
- Created an internal tool to track integration tests and ensure code coverage

Undergraduate Researcher   Summer 2014, August 2015 – Current
School of Computing, Clemson University
- Theorized and implemented a series of heuristic driven fast cost based matching algorithms
- Currently writing a paper for publication to discuss findings and results
- In 2014, worked on a separate project designing a wireless system to aid visually impaired soccer players through auditory cues

Product Installation Assistant   Summer 2013
A3 Communications
- Installed communication and education technology in schools

SEAP Intern   Summer 2012
SPAWAR Systems Center Atlantic

High School Intern   Summer 2011
BAE Systems Inc.

Relevant Skills
- Strong understanding of Algorithms, Data Structures and software complexity
- Proficient in C/C++, Java, and C#, as well as version control software including Git
- Comfortable working with Angular JS, HTML, CSS, Ruby on Rails, Python, and SQL databases
- Extensive experience with both Linux and Microsoft .NET based development environments
- Experienced in designing and prototyping low power and embedded computing systems
- Quick to pick up and learn new technologies
- Strong communication skills and experience working on and leading team projects

Extra-Curricular Activities
- Worked on a Clemson Creative Inquiry team to design a low power system to monitor the migration and nesting habits of Atlantic sea birds
- Competing member of the Clemson ACM programming team
- FLL Robotics team mentor
- Former First Robotics Competition Team 342 co-captain
- Clemson Cycling Club Officer
- Mountain Biking, Camping and Backpacking class TA