KEVIN WHELAN

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Permanent Address	**School Address**
35 B South St.	114C Chelsea Dr.
Medfield, MA 02052	Charlottesville, VA 22903

OBJECTIVE

Find a progressive, stimulating internship where I am able to leverage my past experiences and my love of the Computer Science field to contribute to the company in a meaningful manner.

EDUCATION

University of Virginia, School of Engineering and Applied Science – Cumulative GPA 3.97   Expected May 2015
- Candidate, Bachelor of Science: Computer Science – Major GPA 3.99
- Candidate, Bachelor of Arts: Mathematics – Major GPA 4.0
- Current 3rd Year

RELEVENT COURSEWORK

- Advanced Software Development
- Computer Architecture
- Discrete Mathematics I
- Program & Data Representation
- Survey of Algebra
- Algorithms
- Databases
- Ordinary Differential Equations
- Statistics
- Theory of Computation
- Basic Real Analysis
- Digital Logic & Design
- Probability
- Stochastic Processes
- Web and Mobile Systems

RELATED WORK EXPERIENCE

Applied Predictive Technologies   Arlington, VA
Software Engineering Intern   6/13-8/13
- Worked on Merchandise Optimization team consisting of 8 members
- Developed a Plan conversion feature using SQL and CF that allowed users to easily convert their Plan from the old product to the new one
- Used C# and LINQ to export Plan Settings to Excel creating an efficient way to share and summarize settings

University of Virginia, Computer Science Department   Charlottesville, VA
Senior Teaching Assistant, Introduction to Computer Science   1/12-Present
- Responsibilities include: managing a 40 person Java programming lab; grading student's homework and exams
- Worked individually with students via scheduled office hours to answer questions, and provide homework assistance
- Additional management responsibilities such as course planning and applicable software maintenance

2I's Inc.   Walpole, MA
Software Development Intern   6/12-8/12, 12/12-1/13
- Extended company's code documentation program, using Lisp, which improved operational efficiency and completeness. All development was unit tested and in active use by end of internship.
- Developed application that identified high value DoD contracts that were missing from government EDI data. This app enabled engineers to perform more efficiently, and lead to rapid adoption by Mechanical Engineering stakeholders.

COMPUTER SKILLS

Languages and Software:	• Proficient in: Java, C#, JavaScript, PHP, C++, Common Lisp, Python, LINQ
	• Experience with: x86 Assembly, HTML/CSS, ColdFusion, MS Office
Platforms:	• Windows XP/Vista/7, OS X, Linux/Unix

LEADERSHIP & EXTRA CURRICULARS

• Developed tutoring web application to improve private tutor networking at UVa	2013-Present
• Active Participate in Intramural Sports at UVA (currently on five teams)	2011-Present
• Trained and competed in the International Collegiate Programming Contest	2012-Present
• Developed arbitrary puzzle solver: stand-alone application with GUI	2013
• Tutor for Center for Diversity in Engineering	2012-2013
• Placed 2nd out of roughly 900 in Tron bot vs bot competition sponsored by ReadyForce (awarded $500)	2012
• Semi-Finalist U.S. Physics team (*300 selected nationally*)	2011
• High School Physics, Chemistry and Math awards (*Each awarded to top student in area*)	2011