William Cipolli III
80 New Haven Ave.
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Dear Sir or Madam,

I am an accomplished graduate of Quinnipiac University in Hamden, Connecticut and University of South Carolina in Columbia, SC. My strong work ethic and passion for learning have led me to pursue a double major in mathematics and computer science, a Master's Degree in statistics and I have decided to continue these studies as I am now enrolled in the doctoral program of Statistics at University of South Carolina

In the professional setting, I have experience in data entry, IT, software engineering, administrative duties, customer service, management, and my education has given me intermediate Java and JavaScript programming skills, R programming, SAS programming, basic HTML, basic SQL, VBA, project management knowledge, and mathematics including: calculus, statistics, probability and mathematical modeling and regression.

I've worked on several projects during my experiences at Travelers, Pitney Bowes, Market 76 and Larch Lane Advisors. Those projects included a lot of testing, debugging and engineering of solutions. I have worked on a ASP .NET web store, a JSF and JavaScript based database search engine, a reporting tool using IBM Cognos, Excel, VBA and an ETL project using Jasper ETL.

These opportunities and experiences with technology make me uniquely qualified to teach at the university level. There are a lot of things that affect students' experience and education at any university. My goal, as a professor, is to have an impact in a profound and lasting way, beyond just teaching the subject material. To me, education is more than facts and formulas. It's a time students get to mold themselves, the way they think, to find what they're passionate about and to start their paths towards it. Math, Statistics or Computer Science may not be a students' favorite subject but there's usually a way to think about those subjects in a way that relates to what is.

My previous experiences also makes my ability to research efficient and well documented. As a software engineer development is strictly organized and documented and I've found this skillset paramount to my current research. My programming knowledge also enables me to provide intelligently designed and tested programs that are easy to understand and use so that scientists can immediately use any methodologies I may come up with.

Sincerely,
William Cipolli III

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EDUCATION

University of South Carolina
- Masters of Statistics, May 2014
- Pursuing PhD in Statistics, Expected May 2016
- GPA: 3.750
- **Relevant Coursework:** Mathematical Statistics, Data Mining, Pattern Recognition, Machine Learning, Statistical Inference, Nonparametric Statistics, Statistical Computing

Quinnipiac University Class of 2011
- Bachelor of Science: Computer Science
- Bachelor of Arts: Mathematics
- Mathematics Major GPA: 3.48
- Computer Science Major GPA: 3.56
- **Relevant Coursework:** Software Engineering, Java Object Oriented Programming, SVN, Algorithm Analysis, Data Structures, Language Compilers, Mathematics, Numerical Analysis, Calculus Series, Statistics and Probability, and Mathematical Modeling.

PROJECTS

March 2015: Bayesian Nonparametric Multiple Testing
Nov 2013: A Data Mining Approach to Automatic Short Answer Essay Grading
May 2013: Mathematical and Computational Analysis of Cancer Cell Lineage Models
May 2011: *Artificial Neural Networks and Forecasting the Stock Market*

PROFESSIONAL EXPERIENCE

University of South Carolina   Columbia, SC
Teaching Assistant   *Aug 2012 – Present*
- Lectured Introduction to Statistics course consisting of forty eight students
- Instructed Introduction to Statistics Lab sections consisting of twenty four students
- Guided students through computations using Pearson educational tools
- Created online content videos for the Statistics Lab with Adobe Connect

Florence Darlington Technical College   Florence, SC
Teaching Assistant   *May 2014 – Sept 2014*
- Lectured Introduction to Statistics course consisting of twenty students
- Instructed an Introduction to Microsoft Office Lab of twenty five students
- Created an online Introduction to Statistics course and implemented it as an online course in Pearson MyMathLab

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IDC Framingham, MA   **Framingham, MA**
Market Research Intern   *June 2013 – Aug 2013*
- Refreshed market predictions and sizing models using Excel and RExcel
- Interacted with and gathered information from cross-functional groups at the VP level
- Helped create The Internet of Things G20 Model and Index
- Delivered preliminary findings and model documentation in writing

Pitney Bowes   **Shelton, CT**
Software Developer   *Oct 2011 – Aug 2012*
- Developed consumer web applications using JavaScript, JQuery, C# and .Net
- Critiqued and augmented user interface requirements
- Used Rational Clear Case for source and version control
- Load tested the application on the Microsoft Azure cloud
- Practiced agile development methods (Scrum Cycles)

Larch Lane Advisors   **Rye Brook, NY**
Risk Analysis Intern   *May 2011 – Aug 2011*
- Participated in risk and exposure analysis using Excel
- Wrote VBA scripts for data analysis
- Completed Bloomberg BESS training in commodities, equities, fixed income, and exchange rates

Quinnipiac University   **Hamden, CT**
Peer Tutor   *Aug 2010 – May 2011*
- Tutored students in classes I performed B+ or better in and reporting progress
- Trained to become Level One CRLA Certified

Travelers Insurance   **Hartford, CT**
Summer Intern/ Part-time employee   *May 2009 – Aug 2010*
- Participated in leadership development program
- Attended and ran weekly meetings
- Identified problems in project code
- Delivered complete solution to production from research to testing
- Built Reports using IBM COGNOS and basic SQL queries
- Developed database and interface through Microsoft Access
- Delivered and presented completed project to senior management

References can be provided upon request