Chase A. Fleming

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Education

Paul M. Dorman High School (Final GPA: 3.94)	**Graduated: May 2014**
Johns Hopkins University (Current GPA: 3.34)	**Intended Graduation: May 2018**
Field of Study	**Mathematics and Computer Science**

Work Experience

Johns Hopkins School of Medicine **November 2015 – April 2016**

Worked at the Genetics Resource Core Facility processing Sanger sequencing samples and databasing sequencing orders.

Johns Hopkins School of Medicine **February 2016 – April 2016**

Assisted in DNA isolation processes and lab techniques such as nanodrop spectrophotometry.

Johns Hopkins Housing Department **January 2015 – October 2015**

Worked as a student monitor by setting up special university events and being a service to students in university housing.

University of South Carolina **January 2013 – May 2013**

Internship in biostatistics where I assisted in the creation of a model used for colon cancer type prediction.

Special Activities

Paul M. Dorman Academic Team **2010-2014**

I participated in multiple quizbowl tournaments and had a study preference towards all fields of science and philosophy. Accomplishments include placing 8th at High School National Championship Tournament (HSNCT) hosted by National Academic Quiz Tournaments during my senior year. We also placed 13th and 11th at the Partnership for Academic Competition Excellence's National Scholastic Competition (NSC) during my junior and senior years respectively.

Johns Hopkins Quizbowl Team **Fall 2014 – Current**

I still participate in quizbowl on a collegiate level at Johns Hopkins University.

Recent Academic Summer Activities

Summer Institute in Biostatistics (SIBS) at Boston University **Summer 2015**

I participated in a six week long intensive course hosted by National Institute of Health that introduced the basics of programming in SAS and R and also gave an introduction to the practice of biostatistics. Data from both the Framingham Heart Study and Jackson Heart Study were used as examples and practice.

Computer Knowledge

Programming specialties

I mainly work with bioinformatics and computational genetics. I have worked with a many statistical libraries but prefer Python's scikit-learn and NumPy.

Proficient languages

C, C++, Java, Python, R, SAS

Other

I am versed in all Microsoft Office programs form Excel, Powerpoint, Word, and Access. I also can comfortably work in any Linux-based or Microsoft environment.

Personal References:

Geoffrey Thomas: Friend and former high school academic team coach. Thomasgnd@gmail.com 864-266-5604

Roxann Ashworth: former employer at the GRCF. rashwor2@jhmi.edu 410-614-0702