

**Michelle Ann Ginsburg**  
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## **EDUCATION**

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**08/2018 - 09/2020      Royal Holloway, University of London, Master of Science in Data Science and Analytics**  
**Core Modules:** Data Analysis, R, MATLAB, Python for Data Analysis, Database Systems, Large-scale Data Storage and Processing, Machine Learning, Deep Learning, and Business Intelligence Systems, Infrastructures and Technologies.

**08/2012 - 05/2016      University of Florida, Bachelor of Science in Psychology with a Concentration in Behavioural and Cognitive Neuroscience (Grade 2:1), (Florida, USA)**  
**Core Modules:** Statistics, Analytical Geometry and Calculus, Physics, Organic Chemistry, General Chemistry and Quantitative Analysis, Biochemistry, Applied Human Anatomy, Applied Human Physiology.  
**Academic Honours:** Alpha Epsilon Delta Honour Society, Florida Academic Scholarship, UF Franklin Merit Scholarship, Researcher of the Month- UF Pre-med AMSA

**08/2008- 05/2012      Fort Myers High School, International Baccalaureate (Grade: 28/45), (Florida, USA)**  
**Core Modules:** Biology, English Literature, Art, Spanish, Math, Psychology

## **WORK EXPERIENCE**

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**09/2019 – Present      Cloud Engineer, Macquarie Group**

- Write modern, performant, maintainable code for a diverse array of client and internal projects
- Work with a variety of different languages, platforms, frameworks, and content management systems such as JavaScript, TypeScript, React, Node, Golang
- Communicate with multi-disciplinary teams of engineers, designers, producers, and clients on a daily basis

**Key Skills: Attention to Detail, Programming, Data Collection & Analysis, Organisational and Time Management Skills**

**12/2012 – 06/2016      Support Technician, UF Health Hospital (Florida, USA)**

- Responded to intercom requests; obtaining needed services from nurses, physicians, aides, and other personnel
- Organized written medical records and managed collection of patient transport data and utilization of tracking audits
- Welcomed visitors by greeting visitors, in person or on the telephone; answering inquiries; relaying calls to patients; giving directions; referring inquiries to nursing and physician staff

**Key Skills: Teamwork, Interpersonal, Problem Solving, Multitasking, Planning and Prioritizing Skills**

**02/2014 – 06/2016      Clinical Research Assistant/ Study Coordinator, North Florida Foundation for Research and Education, Inc. at the Malcom Randall VA Medical Centre (Florida, USA)**

- Completed Institutional Review Board submission packages and interpreted clinical research protocols
- Presented and defended draft submission packets to clinical investigators
- Assisted Principal Investigators with initial setup and closeout of study files, collection and data entry, and on-going organization and maintenance of all research study records and data in a computerized format
- Participated in patient care and team conferences, in clinical rounds, training programs and research staff conferences

**Key Skills: Reporting, Research, Data Analysis, Punctuality and Presentation Skills**

## **EXTRACURRICULAR ACTIVITIES**

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**09/2018 – Present      Member, The Computing Society, Royal Holloway, University of London**

**09/2014 – 05/2016      Volunteer Science Teacher/Tutor, UF Science Outreach, University of Florida**

- Taught 30-40 primary school students in biology, chemistry, and physics
- Collaborated with co-teachers to set up new interactive science lessons and drafted lesson plans
- Organized and engaged in recreational activities such as games and puzzles

**Key Skills: Teamwork, Presentation, Giving Feedback, Organisational, Creative Thinking and Planning Skills**

## **SKILLS AND INTERESTS**

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**Languages:** English (Native), Tagalog (Native)  
**IT:** Python, R, Matlab, SQL, Tableau Specialist, Microsoft Excel, Powerpoint & Word Specialist  
**Tools:** Jupyter Notebook, pandas, matplotlib, numpy, scikit-learn, scipy, git