

# Thomas Jefferson

XXXXX Jefferson Park Avenue, VA 22903, USA · 434 XXX XXXX · xxxxxxxxx@virginia.edu

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## Summary of Qualifications

Self-initiating PhD student with a background in Biochemistry and Electrical Engineering, seeking a full-time position in the consulting industry in (including, but not limited to) France.

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## EDUCATION

May 2014\* **PhD**, Biochemistry, *University of Virginia, Charlottesville, VA, USA* (\*expected) (GPA: 3.46/4.00)  
March 2009 **BEng**, Electrical Engineering, *Thomas Jefferson University, Philadelphia, PA* (GPA: 3.85/4.00, Top 5%)

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## AWARDS

2013 May University of Virginia (UVa) Graduate School Case Competition 2<sup>nd</sup> Prize (out of 12 pre-selected teams)  
2006 – 2009 TJ Memorial Foundation Scholarship  
(Prestigious scholarship awarded to 1 student campus-wide, 20 students East US-wide. Total approximately \$15,000)

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## EXPERIENCES

2009 – Present **PhD Candidate, University of Virginia** (Charlottesville, USA)

Doctoral Thesis: Initiated and execute research on novel interactions of signaling molecules controlling quantity of main components (neurons) in the nervous system, with direct relevance to neurological conditions and disorders such as autism, schizophrenia and Alzheimer's.

- Design and perform experiments with rigorous protocol optimization and data analysis to prove the novel discoveries.
- Initiated and lead a team of 4 people in order to handle multiple biological approaches efficiently.
- Supervised 3 laboratory colleagues to provide data interpretation as well as experimental advice and planning.
- Produced fruitful preliminary data, which yield 3 additional large-scale research projects in the laboratory.
- Establish new and efficient laboratory protocols and inventory system as the first graduate student in the laboratory.

2013 Dec. **Winter Job Intern, The Boston Consulting Group** (Paris, France)

- Participated in a 3-day internship program as one of 23 students selected for Paris Office.
- Worked in a 4-member team on a simulated case to generate hypotheses, gather/analyze data and present findings.

2013 June **Research Assistant (Intern, self-arranged), Noinetac GmbH** (Berlin, Germany)

- Prepared data and exercised due diligence on finance, products, and pipeline of 10 pharmaceutical companies for an international strategic partnership.

2013 - Present **Graduate Teaching Assistant, University of Virginia** (Charlottesville, USA)

2011 Fall

- Provide students with equipments and biomaterials as well as clear demonstration of procedures in Biology Laboratory.
- Provide students with effective feedback and advice on their academic performance.
- Assist students with time limitation and flexibly prepared biomaterials to enable smoother experimental schedules within a lab classroom setting.

2007 – 2009 **Undergraduate Researcher, Thomas Jefferson University** (Philadelphia, USA)

Senior Thesis: Constructed in teamwork a bacterial communication system towards the goal of building a biological clock in bacteria.

- Optimized persistently the experimental conditions to maximize the communication signal in bacteria.
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## OTHER

2013 - Present **UVA Mini-MBA Project Organizer**

- Lead a team of 2 people to arrange a short business course for graduate students and postdoctoral fellows towards the goal of providing a starting point to familiarize business concepts.
- Systematize curriculum and reach out to Darden School of Business to launch a prototype workshop in the 2013-14 academic year.
- Persuaded Graduate Arts & Sciences Career Services to open an official on-campus for graduate students in the 2014-15 academic year.

**Languages :** English (Native), French, (Fluent), Italian (Elementary)

**Affiliations :** UVA Mini-MBA project, Graduate Student Consulting & Beyond Club at UVa

**Interests :** Traveling, Cooking, Architecture