

# Frederick Robinson

Los Angeles, CA

☎ 321.613.8838

✉ [frederick.robinson@gmail.com](mailto:frederick.robinson@gmail.com)

🌐 [linkedin.com/in/frrad](https://www.linkedin.com/in/frrad)

## Education

- 2017 **Doctorate in Mathematics (Expected)**, *University of California Los Angeles*.
- 2012 **Bachelor in Mathematics with Honors**, *Northwestern University*, 3.62 (Major GPA).  
Robert R. Welland Prize for Outstanding Achievement in Mathematics by a Graduating Senior  
Honors thesis on *Persistent Homology* under David Nadler
- 2008 **High School Diploma**.

## Computer skills

- Proficient Go, Mathematica, Python
- Basic Java, C
- Miscellaneous Windows, Microsoft Office, Linux,  $\text{\LaTeX}$

## Jobs

- 2012-2013 **Teaching Assistant**, *Conducted recitations for undergraduate classes*.
- 2010 **Physics Programming**, *Coded in C leveraging GNU Scientific Library to simulate gravitational waves from intermediate mass ratio inspiral*.

## Research Programs

- 2010 **Discrete and Continuous Geometry**, *Selected for and attended two week research conference at Northwestern University*.
- 2010 **Number Theory Research**, *Funded to conduct research on cyclotomic integers under Prof. F. Calegari*.
- 2011 **Indiana University Research Program**, *NSF funded project investigating phylogenetics with Prof. E Housworth*.

## Languages

- English **Fluent**
- Spanish **Proficient**

## Publications

Frederick Robinson and Michael Wurtz. On the magnitudes of some small cyclotomic integers. *Acta Arithmetica*, 160(4):317–32, 2013.