

Nishant Mysore

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<https://github.com/nishraptor>

EDUCATION

University of California: San Diego

La Jolla, CA

Graduation: June 2019

B.S. in Bioengineering: Focus in Electrical Engineering and Computer Science

GPA: 3.25

- Coursework in Bioengineering, Electrical Engineering, Computer Science, Physics, Chemistry, Calculus and Linear Algebra

EXPERIENCE

Palmer Lab

La Jolla, CA

January 2016 – September 2016

Undergraduate Research Assistant

- Handled big data using R, python, and other tools by creating scripts to find correlations between phenotypes and genotypes, compare mouse genome sequences, and pull bioinformatics data from the internet
- Used Statistical genetics software to run linear mixed models and GEMMA for quantitative trait analysis
- Graphed and created figures in R and Adobe Illustrator for publication
- Performed molecular biology techniques such as genotyping, setting up PCR reactions, and analyzing results

Seabrook Village

Tinton Falls, NJ

June 2013 – July 2015

Computer and Technology Instructor

- Taught senior citizens how to use programs such as MS Excel, Word, PowerPoint
- Organized and directed phone and tablet training classes weekly for residents

Cheeburger Cheeburger

Manalapan, NJ

February 2015 – August 2015

Cashier

- Managed take-out orders, beverages, and clients efficiently and accurately under heavy time constraints
- Organized inventory and restocked items

SKILLS

- 3-D CAD modeling in Solidworks 2015
- Java, R, Python, SQL, Visual Studio, Matlab
- Understanding of Analog Design
- Basic Lab and Microbiology Skills
- MS Word, Excel, and PowerPoint
- Data Science and Statistics

PROJECTS/AWARDS

- **Intersect** - Won *Best Use of NEC's API Award* at Cal Hacks 2016 - An android application meant to make networking even more efficient by allowing users to add each other on all forms of social media with a simple scan of a profile photo
- American Computer Science League International Finalist