

# Aneesh S. Pappu

Phone: (509) 432-9908 E-Mail: [apappu@stanford.edu](mailto:apappu@stanford.edu)  
[LinkedIn](#) | [GitHub](#)

## Education

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### Stanford University

**Graduation Year: 2019 (Expected)**

- *Intended B.S. Computer Science, Concentration in Biocomputation*

- ❖ Co-Director of [StreetHacks](#) and instructor at StreetCode Academy, East Palo Alto's first hackathon

### Washington State University

**Graduation Year: 2015**

- Coursework included Multivariable Calculus, Linear Algebra, Ordinary Differential Equations, Physics (Mechanics, Electricity and Magnetism), Organic Chemistry, Biochemistry

### Pullman High School

**Graduation Year: 2015**

- *Valedictorian, Student Rank: 1*

## Programming Skills

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- ✓ Languages: C/C++, Java, JavaScript, Python
- ✓ Frameworks/Technologies: MEAN stack, OpenCV, Raspberry Pi (both hardware and software), Razor IMU/Arduino
- ✓ Version Control/Project Management: Git, Mercurial, Phabricator
- ✓ General Abilities: Technical writing, editing, interpersonal communication, team leadership, collaboration

## Projects & Experience

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- DisasterMap
  - Built a web app with my friends that enables survivors of catastrophe to text in their status and location. It then plots their location and information so disaster relief organizations can coordinate rescue efforts
  - Built on MEAN stack. Used Google Maps and Twilio APIs
  - Live at [DisasterMap.io](http://DisasterMap.io)
- Beme Hack
  - Reverse engineered the Beme app's API with my friend
  - Programmatically followed 100 users and broke the 6-second time limit for videos by uploading 2 minute-long videos
  - Used a combination of man-in-the-middle and SSL unpinning
- CalHacks 2.0
  - Designed "Swolemate", a smart personal trainer, using an Inertial Measuring Unit with team of Stanford freshmen
- Imagine Tomorrow Engineering Competition
  - Built a "smart recycling bin" that sorts trash from plastic bottles in order to incentivize recycling
  - Used a Raspberry Pi, Python, and OpenCV Python library
  - Captain of 4<sup>th</sup> place team at the Imagine Tomorrow competition hosted by Washington State University
- Bioinformatics
  - Analyzed bacterial chromosomes using Python and NCBI BLAST
  - Identified potentially therapeutic anti-fungal non-coding RNA

## Honors and Awards

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- Siemens Foundation Research Competition – Semifinalist, selected as one of top 300 out of 2000 for work on Parkinson's disease therapeutics.
- Coca Cola Scholar – Selected as one of 150 out of 103,000 by the Coca-Cola Scholars Foundation as a recipient of the Coca Cola Scholarship.
- National Merit Finalist/Scholar