parasvora

about

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languages

English
understanding of
Kutchi & Gujarati

programming

Java
Python, C++, VHDL
MATLAB, Mathematica
(PHP, jQuery, node.js)
CSS3 & HTML5
MySQL
LaTeX
Microsoft Office

education

2011–Now **B.S.** Biomedical Engineering — Washington University in St. Louis
Second Major in Computer Science
GPA: 3.53/4.0
Expected graduation May 2015

Relevant Coursework

- Algorithms and Data Structures
- Introduction to Digital Logic
- Computer Science I & II
- Quantitative Physiology I & II
- Rapid Prototyping
- Biomedical Engineering Design
- Algorithms, Comp. Biology
- Comp. Modeling in Biomedicine
- Object-Oriented Programming
- Computing Systems
- Web Development
- Physics of the Heart

experience

2013–Now **Relay For Life Executive Steering Committee** — St. Louis, MO
Executive Co-Chair

- Planned and implemented the annual Relay For Life event on campus, which raised over $200,000 each year to support cancer research, treatment, and awareness.
- Organized and motivated the steering committee, and oversaw weekly executive committee meetings.
- Promoted and engaged in community service activities throughout the year.

Communications Chair

- Led the Online and Public Relations sub-committees
- Coordinated PR campaigns around campus, working closely with the university administration to reserve promotional spaces.

2012–Now **Student Technology Services** — St. Louis, MO
Level II Tech

- Mastered new tools and technologies quickly in order to help fellow students solve issues with their technology.
- Full-time intern, Summer 2014. Built a PHP script to notify student workers when printers in residential dorms were low on paper and/or toner.

2011–Now **Novack Lab, Washington University School of Medicine** — St. Louis, MO
Student Researcher

- Performed molecular biology experiments to explore bone and mineral diseases affected by the alternative NF-κB metabolic pathway.
- Conducted bone histomorphometry and μCT to analyze the effects of chemicals and genetic modification on the components of bone.
- WU Summer Undergraduate Research Fellowship (SURF) Recipient, Summer 2013.

projects

2014 **Relay For Life Check-In Page** — http://goo.gl/n5WkeD
Final creative project for the Rapid Prototyping course, using JS, PHP, MySQL, jQuery, and Bootstrap.

2014 **Biomedical Engineering Senior Design** — Washington University in St. Louis
With two other design partners, developed and presented software to evaluate reading patterns via eye-tracking hardware.

publications

article in peer-reviewed journal

Antagonism of inhibitor of apoptosis proteins increases bone metastasis via unexpected osteoclast activation

C Yang, JL Davis, R Zeng, **Vora, P**, X Su, LI Collins, S Vangveravong, RH Mach, D Piwnica-Worms, KN Weilbaecher, R Faccio, DV Novack

Cancer Discovery *3.2 (Feb. 2013) pp. 212–222. American Association for Cancer Research, 2013*