Ronak Parikh

Education

Currently an Honors Academy Student at Rutgers SoE Double Majoring in Electrical and Computer Engineering and Computer Science (2018 - Present) (GPA 4.000)

Work Experience

- Aresty Research Center Summer Science Program (2019 - Present)

    Currently working with Professor Mitsunori Denda on his research in flapping insects and flying robots computational fluid dynamics simulations at the prestigious Aresty Research Center Summer Science Program.

- Junior Maker Coach at Piscataway Public Library (2017)

    As Junior Maker Coach I taught two classes of students from my community about STEM through projects and lessons involving Arduino and the Makerspace.

- Google Play Developer (2014 - Present)

    Multiple apps published to the Google Play store that have thousands of downloads from around the world.

Academic Experience

- Mentor for Piscataway Robotics (FRC Team 224) (2016 - Present)

    I now mentor my former high school robotics team, which annually builds a robot to compete with schools in the Mid Atlantic region. The team also volunteers around the community.

- Vice President and Webmaster for RU Makerspace Club (2018 - Present)

Notable Volunteer Work

- Event Organizer at Piscataway Codes (2017)

    Worked with teachers at Piscataway High School to organize an event that introduces computer science to children in the Piscataway School District

Portfolio

GitHub -
github.com/ronakstudios
3D Portfolio -
goo.gl/BCCA2V
One of My Android Apps -
goo.gl/3WdxQ4
Transcript -
ronakparikhnj.com/Transcript.pdf

Contact

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linkedin.com/in/ronakparikhnj

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Skills

Programming Languages
- Java & Android (Data Structs & Parallelization)
    - JavaScript
    - HTML/CSS
    - C (UNIX, Parallelization, VIM)
    - C++ (Windows)
    - MatLab (GPU & CPU Parallel)
    - Python
    - Maple
    - Ti BASIC
    - Tizen (Smartwatch OS)
    - Arduino and Processing
    - Espressif Microcontrollers
    - Raspberry PI
    - Debian
    - Firebase
    - Assembly (x86-64, RISC V)

Software
    - Cinema4D & ProRender
    - RealFlow
    - Illustrator
    - After Effects
    - PhotoShop
    - Audition
    - Premiere Pro
    - Unity (C#)
    - KiCad (PCB Design)
    - FL Studio

Other
    - Vinyl & Laser Cutting
    - Soldering
    - Application & Web Dev.
    - Robotics
    - Animation & CGI in 2D/3D

Honors/Awards

- Dean's List (2018 - Present)
- AP Scholar with Distinction (2018)
- National Honor Society (2017-2018)