NISARG PATEL

nisargnp.com   **(443) 360-5015**   **github.com/nisargnp**

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Education

University of Maryland - *B.S. Computer Science (Expected May 2019)*   College Park, MD

- Honors College - Advanced Cybersecurity Experience for Students   GPA: 3.9 / 4.0

Work Experience

Facebook - *Software Engineer Intern*   Menlo Park, CA - Summer 2018

- Launched scalable inline flow for creating Facebook Pixels, generating 10% increase in total pixel creations
- Developed versatile event ads upsell feature for Facebook Pixel, resulting in 30% click-through rate
- Enabled multiple ad promotions for job posts, producing 11% increase in job ad creations

University of Maryland - *Undergraduate TA (CMSC132)*   College Park, MD - Fall 2017

- Taught fundamentals of Object-Oriented Programming to two classes of 30 students twice a week

PayPal - *Software Engineer Intern*   Timonium, MD - Summer 2017

- Helped develop service to automate the tracking of PayPal Working Capital loan repayments
- Designed and deployed REST service simulators and clients to load test batch services

PrimeSolutions - *Software Engineer Intern*   Columbia, MD - Summer 2016

- Reverse engineered prominent malware samples to develop targeted anti-malware

Research

University of Maryland - *Data Analysis of Yelp's Review Dataset*   College Park, MD - Spring 2016

- Performed large-scale Natural Language Processing to measure the legitimacy of the Yelp review dataset

University of Maryland - *Capturing Manned vs. Scripted Cyber-attacks*   College Park, MD - Spring 2016

- Calculated the effectiveness of manned vs. scripted cyber-attacks using custom-built honeypots

Notable Projects

DeadReckoning - *Offline Navigation App*   Personal Project

- Offline Android app capable of calculating smartphone location in real-time with only built-in phone sensors

USnoozeULose - *The Unforgiving Alarm Clock*   Capital One Hackathon

- Android alarm clock to motive snoozers to wake up on time with interactive mini-games and small penalties

Technical Skills

- **Languages**: Java, Python, C, JavaScript, Node.js, PHP, HTML/CSS, Bash/Shell, GraphQL
- **Frameworks/Database**: Android, React, Flux, jQuery, Bootstrap, Docker, Nginx, AWS, SQL, MongoDB