

# NISARG PATEL

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## Education

- University of Maryland** - *B.S. Computer Science (Expected May 2019)* College Park, MD
- ACES - Advanced Cybersecurity Experience for Students GPA: 3.9 / 4.0
  - Undergraduate TA - Object-Oriented Programming II Fall 2017

## Work Experience

- PayPal** - *Software Developer 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 and sterilized prominent malware samples to develop targeted anti-malware solutions
  - Worked as 5 man team using agile development with the Atlassian toolset (Jira, Confluence, Bitbucket)
- Oak Ridge Institute for Science and Technology** - *Intern* Aberdeen, MD - Summer 2015
- Implemented a vision-based path-tracking algorithm for real-time location tracking on Android smartphones

## Research

- NSA** - *Big Data Analysis of Yelp's Review Dataset* University of Maryland - Spring 2016
- Performed large-scale Natural Language Processing to measure the legitimacy of the Yelp review dataset
  - Worked as 2 man team with support from the NSA's Laboratory for Telecommunication Sciences
- ACES** - *Capturing Manned vs. Scripted Cyber-attacks* University of Maryland - 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 tracking phone location in real-time with only built-in phone sensors
- USnoozeULose** - *The Unforgiving Alarm Clock* Capital One Hackathon
- Android alarm clock to motivate snoozers to wake up on time with mini-games and small financial penalties

## Technical Skills

- **Programming Languages:** Java, Python, C, JavaScript, HTML, CSS, MATLAB, Bash (Linux)
- **Web Development:** Node.js, Express.js, React.js, jQuery, Bootstrap, MongoDB, Docker, Nginx, AWS
- **Frameworks/Libraries:** Windows API, Android SDK, Java Spring/Hibernate, OpenCV, NLTK