

# COREY MALONE

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## User Experience Designer / Developer

Passion for Empathetic Design & Problem Solving

**SKILLS** User Research | Interaction Design | Wireframing | Usability Testing  
Competitive Analysis | Heuristic Evaluation | Prototyping | User Flows  
HTML | CSS | SASS | JS | JQuery | PHP | C | C++ | Java

## PROFESSIONAL EXPERIENCE

### Consulting, New York, NY

Kavita J Patel | *Technical Lead*

2013 – Present

- Manage all Technical Aspects of small Online Business [www.kavitajpatel.com]
- **Optimize User Experience: Strategy, User Flows, Usability, Forms, Consistent Branding**
- Business Seen & Featured: TimeOut New York – Fox News – The Huffington Post – CBS News
- Produce Web Pages; Design Content; Web Production / Branding; Tele-summits & live events
- Content Editing: Videos / Documents / Audio

### User Experience Designer | globalFEST

Aug 2015

- Redesigned website for renowned non-profit world music organization
- **Greatly improved usability and information architecture**
- Simplified design resulting in better understanding of information architecture

### Intel Corporation, Hillsboro, OR

2012

*Graduate Technical Internship* – Continued Ph.D Research Topic with Intel

- Developed interesting Solutions (classified) for Software Integrity
- Filed 3 Patents (requests) to the related topics / Spontaneous Recognition Award for 'valuable contributions'

### NYU | Polytechnic Institute of New York University, Brooklyn, NY

2010 – 2014

*Security Research Assistant*

Operating Systems x86 Simulators / Linux Zesto

- Software Integrity: leverage hardware performance counters to model program behavior & detect anomalies caused by runtime attacks: # of instructions retired / branches / cache writes
- Created Test Platforms – using both Intel and ARM (with Linux & Android)

*Teaching Assistant* – Computer Architecture

### REF Computer Corporation, Pearl River, NY

2010

*Front & Back End Developer*

- Developed Financial Software to transfer customer data between Major Banks

### West Point | United States Military Academy, West Point, NY

2009

*System Configuration Specialist*

- Developed Mass-Deployment Software to automate systems configuration / Reducing required user interaction

## EDUCATION

### NYU | Polytechnic School of Engineering

BS | Computer Engineering – Scholarship 2010

MS | Computer Science 3.6 GPA 2014

### General Assembly | NYC

UX Design Immersive | 10 weeks, 5 projects 2015

- **Location based Networking app:** find professionals nearby, created a sense of empathy among users and delight Ideation → Hi-fidelity prototype
- **Added Charity/causes donation feature to Venmo:** Feature Integrated in a way that kept Venmo simple User Research → Hi-fidelity prototype

## PATENTS

"System and Method for Correct Execution of Software"

David GRAWROCK, David OTT, **Corey MALONE**, Jesse WALKER

App #: 20140181794 – Filed: Dec 20, 2012 / **Issued:** Jun 26, 2014

<http://bit.ly/1uFk1w1>

**TOOLS** Sketch | Photoshop | Illustrator | InDesign | Invision  
OmniGraffle | Axure

## PUBLICATIONS

"Hardware Performance Counters: A Cost Effective Way for Integrity Checking of Programs"

**C. Malone**, M. Zahran and R. Karri

Proceedings of the **6th ACM Workshop on Scalable Trusted Computing** Oct 2011

## HONORS & AWARDS

**NSF – National Science Foundation Fellowship** – CRISP  
Center for Interdisciplinary Research & Education on Security & Privacy

**GAANN Ph.D Fellowship** – Polytechnic School of Engineering

## COMMUNITY INVOLVEMENT

**United States Department of Veterans Affairs** Volunteer  
VA Hospital

Internship | **St. Luke's-Roosevelt Hospital**  
On-site teaching **Nurses** on new software (PRISM)

**LANGUAGES** English | Spanish (Limited)