COREY MALONE

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Developer turned User Experience Designer
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
UX Designer & Developer | Kavita J Patel   2013 – Present
- Manage all Technical & Design Aspects of small Online Business [www.kavitajpatel.com]
- **User Experience: Content Strategy, User Flows, Usability; Increased success rate of user registration.**
- **Increased page engagement; Strengthened brand through visual consistency.**
- Business Seen & Featured: TimeOut New York – Fox News – The Huffington Post – CBS News
- Produce **Responsive** Web Pages; Web Production / Branding; Tele-summits & live events

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 globalFEST's mission

Intel Corporation, Hillsboro, OR   2012
Graduate Technical Intern – 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
Full Stack 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 labor costs & 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 and delight among users
  Role: Ideation → Hi-fidelity prototype
- **Added Charity/causes donation feature to Venmo:** Feature Integrated in a way that kept Venmo simple
  Role: 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 – CRISSP
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)