Mek Karpeles

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MISSION

To (progn (apply ’(lambda (myself) (and ’passions ’engineering-abilities)) ’(mek)) (reduce ’(lambda (time waste) (and time waste)) ’(’improve-peoples-lives)))

EXPERIENCE

Principal Architect Hyperink Sept 2011-Present

- First engineering hire and principal architect of Hyperink's internal + public facing APIs
- Responsibilities include co-leading engineering team, hiring, system administration, designing database schema, product whiteboarding, and programming with python, javascript, node.js, ruby, and php.
- Lead backend developer on several products; plagiarism detection, user analytics, trend and keyword analysis, and publishing automation
- Automated book distribution to 4 channels; kdp, createspace, hyperink, pubit

Co-Founder and CTO Babo Labs LLC Spring 2010-2011

Baybo.it is an ecommerce and affiliate platform for selling digital goods online.
- Acquired by Hyperink, 2011

PhD Candidate, RA University of Delaware Fall 2010

Worked with Professor Stephen Siegel and Tim Zirkel in the Verified Software Laboratory (VSL). Developed a parallelized Control Flow Graph (CFG) Searcher for the Toolkit for Accurate Scientific Software (TASS) using Java nio.

Software Engineer MicroStrain Inc. Summers 2008-2010

- Intern; lead web developer for the Wireless Sensor Data Aggregator (WSDA) product line
- Programmed data extraction toolkits and formatting utilities for the AHRS 3DMX wireless sensors
- Duties included database (mysql) and systems administration (centos), web and graphic design, and programming using c/c++, python, html, css

EDUCATION

University of Delaware, Newark DE
CS PhD Candidate, 2010-On Leave
Computer and Information Systems

University of Vermont, Burlington, VT
Bachelor of Science, Computer Science
Minor in Pure Mathematics
GPA CS 3.7/4.0, Overall 3.4/4.0

AWARDS

University of Delaware, Full Scholarship
University of Vermont, Presidential 4yr Scholarship
2x UVM ACM CS Faculty Award recipient
Dean's List (top 20 percent) Honor Roll

LEADERSHIP

Co-Lead Engineering Team, Hyperink (2011-Present)
Co-Founder of CodeSF Meetup (2012-Present)
Technical Advisor for Primer Labs, SF http://www.primerlabs.com (2011-Present)
UDel CS Graduate Student Association - Vice President (2011)
Co-Founder and instructor, CS-195 Technical Talks in Computing, UVM (2009-2010)
UVM Computer Science Student Association - President, VP, Treasurer Secretary (2008-2010)

HACKATHONS

Angelhack, 3rd place National winner + Intel API prize (2011 - Saving Face: facial recognition)
Random Hacks of Kindness, 2nd place (2011 - TinCan: Siri like SMS Google Maps for dumb phones)
Hapi Hacks, Box.net API Winner (2011 - Blogachoo: A Google Docs research tool predecessor)

HACKS

For code, please refer to my github: http://www.github.com/mekarpeles