

FARZAD ANDRE NASRI

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Address:
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Unit #2002
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EDUCATION

Georgia Institute of Technology, Atlanta, GA 08/2005 – 05/2009
Bachelor of Science in Electrical Engineering

- Overall GPA of 3.7 / 4.0, Graduating in May 2009 with Highest Honors
- Financial interests, including coursework, some job duties, personal portfolio

EXPERTISE

Communication

- Presentations, Written Conference and Journal Paper, Technical Reports, Product Manuals

Leadership

- MATLAB Course Manager, TA Manager, Teaching Assistant
- Co-Founder of Mobile Software Development Company: FromAhead LLC
- College of Electrical & Computer Engineering SGA Representative

Software

- Microsoft Visual Studio, MATLAB, Ansoft HFSS, NI Multisim, NI LabVIEW, Cadence OrCAD
- Altera Quartus II, Altera Nios II Integrated Development Environment for Self-Test Development

Hardware

- Altera Cyclone II FPGAs, Nios II Embedded Processors, PC Building, Network Setup & Config.
- Pipelined MIPS Processor, Cerebral Palsy Assistive Technology Device Design & Implementation

Operating Systems

- Windows, Unix, Linux (Red Hat, Fedora)

Programming

- C / C++ / C#, MATLAB, Visual Basic, Java, JavaScript, PHP, HTML, Assembly, VHDL
- Microsoft .NET Framework 2.0 / 3.0 / 3.5, iPhone Mobile Application Development

Database

- Microsoft SQL, SQL Reporting Services, MySQL

Networking

- TCP/IP Socket Programming, Cisco IOS, Cisco VPN Concentrator, Routing Protocols, VPN
- Spoofing, VoIP, Firewalls, Rootkits, Backdoors, Wireless Security, Botnets, DDoS, MITM

Electromagnetics

- Research, Design, Optimization of Millimeter-wave Automotive Radar Systems
- Slot Feed Patch Antennas, Transitions and Antenna Arrays on Liquid Crystal Polymer Substrate

POTENTIAL PUBLICATIONS

Integration of mm-wave Components: 3D Transitions and Antenna Arrays on Organic and Flex Substrate LCP, *IEEE Transactions on Antennas and Propagation*

EXPERIENCE

SunGard, Melville, NY 05/2008 – 08/2008
Financial Software Developer Intern 05/2007 – 08/2007

- Financial smart-client software design, development
- Source control system customization, deployment
- SQL reports design, implementation for support efficiency

Integrated Business Systems, Inc., Melville, NY 05/2006 – 08/2006
Application User Interfaces Group Intern

- Internal and client-side content management module design
- Client software upgrade and database management utility development
- Commercial web development for financial software

Georgia Institute of Technology, Atlanta, GA 01/2007 – Present
MATLAB Course Manager and Teaching Assistant

- Managed 40+ teaching assistants for a course size of 1200+
- Taught individual recitation classes of 40+ undergraduates

ATHENA Research Group at Georgia Tech, Atlanta, GA 01/2009 – Present
Undergraduate Researcher

- Design of millimeter-wave automotive radar antenna system

FromAhead LLC, Atlanta, GA 12/2008 – Present
Co-Founder

- Mobile software development, web services engineer, financial oversight