

Peter Gebhard

Software Engineer

EMAIL

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WEB

www.petergebhard.com

Skills Summary

- Proficient with: .NET (C#), Java, C, C++, HTML, CSS, Mac OS X, Windows, GNU/Linux, Microsoft Office, Visual Studio, Eclipse, Adobe Photoshop
- Some experience with: Python, MIPS Assembly, Matlab

Work Experience

Lockheed Martin Missiles and Fire Control, Orlando, FL

SOFTWARE ENGINEER; OCTOBER 2008-PRESENT

- Currently developing embedded software in C on VxWorks for a weapon sensor suite
- Updated and released Software Architecture and Software Requirements documents, including performing a traceability analysis, for modifications associated with an IRAD program
- Presented Software technical details at an Interim Design Review

SOFTWARE ENGINEER ASSOCIATE; JULY 2007-OCTOBER 2008

- Developed new C# classes and unit tests for an image processing component of a weapon support tool
- Assisted in unit testing and debugging of the component on a seven-person team

SOFTWARE ENGINEER INTERN; SUMMER 2006

- Investigated a memory problem that existed in a software team's applications and created example programs to help the team understand and fix the issue
- Developed two C# matrix utility classes for the software team to use in their applications

SYSTEMS ENGINEER INTERN; SUMMER 2005

- Worked with a two-person integration team on a next-generation weapon data link
- Designed the test system RF cabling and distribution network

Duke University Computer Science Dept., Durham, NC

PROGRAMMER; SUMMER 2004

- Selected as part of CURIOUS, a computer science undergraduate research summer program
- Developed an educational tool plug-in for the Eclipse IDE in a small team setting

Education

University of Illinois at Urbana-Champaign, Urbana, IL

Master of Computer Science (MCS), Expected 2010

GPA: 4.0/4.0

Duke University, Durham, NC

Bachelor of Science in Engineering (BSE), 2007

Majors: Electrical and Computer Engineering, Computer Science

Overall GPA: 3.24/4.0 Majors GPA: 3.35/4.0

Leadership

Lockheed Martin Engineering Leadership Development Program, Orlando, FL

MEMBER; JULY 2007-PRESENT

- Enrolled in a Master's degree over the course of the three-year program
- Rotate yearly within the organization to experience different projects and work environments
- Attend further technical and leadership development training

The Chronicle, Durham, NC

Duke University's Independent Daily Student Newspaper

PHOTOGRAPHY EDITOR; MAY 2004-MAY 2005

- Managed a staff of over 25 student photographers and coordinated assignments with each department editor

STAFF PHOTOGRAPHER AND ASSOCIATE PHOTO EDITOR; AUGUST 2003-MAY 2007

- Completed weekly news and sports photo assignments and edited photos for the next day's issue once a week

Current as of: 12/15/2008