

KENNETH MCGRADY

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WORK EXPERIENCE

PIXAR ANIMATION STUDIOS

Emeryville, CA

Production Software Engineer Intern

July 2010 – December 2010

- Collaborated with other engineers in working on in-house animation software.
- Focused on adding features to a component used in retiming animations.
- Gathered requirements from animators to make the software's workflow more efficient.

INTUIT INC.

San Diego, CA

Software Engineering Co-op

July 2009 – December 2009

- Contributed heavily to the development of TurboTax SnapTax for the iPhone.
- Designed and implemented a system to e-file a user's federal and state taxes.
- Prototyped an application that manages user accounts for multiple social networks.
- Assisted in performing user research and developing a marketing plan for SnapTax.

NORTHEASTERN UNIVERSITY

Boston, MA

Research Assistant for Olin Shivers

June 2009 – Present

- Implemented a fundamental component of a parser generator using Scheme48.
- Researched ways to further optimize parser generators to improve compiler efficiency.

iPhone Developer

June 2009 – October 2009

- Developed the iPhone application, Discover Northeastern (available in the app store).
- Collaborated with college admissions to dynamically provide upcoming events.

Research Assistant for Matthias Felleisen

May 2008 – June 2008

- Experimented with a language and theorem prover, ACL2, for educational purposes.
- Co-wrote an introduction to a programming environment for ACL2 called DrACLa.

MITRE CORPORATION

Bedford, MA

Web Applications Technical Co-op

July 2008 – January 2009

- Enhanced company software utilized by over 6,000 employees by adding features.
- Identified and articulated the needs of the customer on a portlet application.
- Contributed to the development of various tools to easily set up video conferencing.
- Explored new technologies including Dojo and Google Gears for use in future projects.

COMPUTER SKILLS

Languages: Objective-C, Java, Python, C++, C#, C, PHP, PLT Scheme, ACL2.
Frameworks: Django, Cocoa Touch, Cocoa, Qt.
Systems: Mac OS X, Windows 95/98/ME/2000/XP/Vista/7, Linux, Unix.
Software: XCode, IntelliJ, Eclipse, Netbeans, Microsoft Visual Studio, PuTTY, TextMate.

EDUCATION

NORTHEASTERN UNIVERSITY

Boston, MA

Bachelor of Science in Computer Science and Mathematics

May, 2011

GPA: 3.957/4.0 Deans List

Activities: NUeats (President, Founder), Association for Computing Machinery (Vice President)

INTERESTS

Boy Scouts: Attained Eagle Scout in December, 2005

Student Advising: Resident Assistant, Orientation Leader, Tutor, CCIS Fellow