

# Tyler Lubeck

## Contact

tyler@tylerlubeck.com  
www.tylerlubeck.com  
github.com/TylerLubeck  
linkedin.com/in/tylerlubeck

(813) 469 1499

## Languages

Python  
C, C++, C#  
Javascript, Java  
CSS3 & HTML5

## Technologies

Django, Node.js, jQuery

## Tools

Git, Perforce

## Experience

- Summer '14 **Microsoft** – www.microsoft.com Redmond, WA  
*Software Development Engineer Intern*
- Created an API in Sharepoint's Client Side Object Model to manipulate files and folders from both C# and Javascript
  - Built a modular file tree control in Javascript, allowing for asynchronous data loading
  - Gained experience working within a large codebase and a complex build system
- Summer '13 **Pegasystems Inc.** – www.pegasystems.com Cambridge, MA  
*Systems Architect Intern*
- Developed software to allow employees to catalog receipts and create expense reports via email
  - Worked with PegaRULES Process Commander to build in-house expense reporting software
- 2012 – Current **Tufts University** Medford, MA  
*Teaching Fellow: Introduction to Computer Science*  
*Teacher's Assistant: Web Programming*
- Selected as Head TA for Web Programming course, which entailed supervising a team of 5, planning and implementing review sessions, and holding office hours for 100 students.
  - Taught introductory C++ lab sections to multiple classes of 20-25 students each.
  - Selected as Teaching Fellow for Introduction to Computer Science, which entailed supervising a team of 35, as well as grading assignments and holding tutoring sessions.
- Summer '12 **Accusoft** – www.accusoft.com Tampa, FL  
*Software Development Intern – Imaging SDK's*
- Upgraded sample code projects in VB6, C++, and C# adding new product version functionality and fixing defects
  - Wrote Python scripts for updating MS Visual Studio project files to new versions and for verifying and updating source code copyright markings
  - Authored white paper and accompanying application integrating Barcode Xpress SDK with ImageGear SDK Suite

## Personal Projects

- 2013 – Current **Halligan Helper** www.halliganhelper.com  
*Computer Science Department Resource Tracker*
- Designed and implemented independent project to collect, track, and graph anonymized computer usage data for the Tufts Computer Science Department
  - Utilized Websockets to build a real-time dashboard to display tutoring wait time
  - Used Django to create a fast, robust backend
- 2014 – Current **Tufts Marauder's Map**  
*Indoor Positioning System*
- Engineered system to compute indoor position based on known wireless access points

## Awards

- 2015 **PennApps: Facebook API Prize** University of Pennsylvania  
Implemented a system allowing entrepreneurs to collect demographic information about potential users
- 2014 **Tufts Polyhack: Facebook Sponsored Prize** Tufts University  
Created a course recommendation application that recommended courses based on a Facebook profile
- 2014 **New England Undergraduate Computing Symposium** Boston, MA  
Selected to present poster of independent original project: Halligan Helper
- 2013 **Tufts Hackathon: Microsoft Sponsored Prize** Tufts University  
Created an app for Windows 8 in C#; a student notebook integrating Windows Calendar and Evernote
- 2012 **Tufts Hackathon: Microsoft Sponsored Prize** Tufts University  
Created an app for Windows Phone 7 in C#; a record keeper allowing users to track their personal goals
- 2011 **Eagle Scout** Boy Scouts of America

## Education

- 2011 – Current **Bachelor of Science, School of Engineering at Tufts University** Medford, MA  
Major in Computer Science, Minor in Entrepreneurial Leadership  
Expected May 2015