

# TylerLubeck

Software Engineer

## Contact

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## Languages

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

## Technologies

Django, Node.js, jQuery

## Tools

Git, Perforce

## Experience

- Summer '14 **Microsoft** – [www.microsoft.com](http://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 and custom configurations
- Summer '13 **Pegasystems Inc.** – [www.pegacom](http://www.pegacom) Cambridge, MA  
Systems Architect Intern
- Developed software allowing employees to catalog receipts and create expense reports from email
  - Worked with PegaRULES Process Commander to build in-house expense reporting software
- 2012 – Now **Tufts University** Medford, MA  
Teacher's Assistant – Intro to C.S. & Web Programming
- Teach labs in introductory C++
  - Tutor students in introductory C++ as well as full-stack web development, ranging from HTML5 and CSS3 to Node.js backends.
- Summer '12 **Accusoft** – [www.accusoft.com](http://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
  - Authored Python scripts for updating MS Visual Studio project files to new versions and verify and update source code copyright markings
  - Authored white paper and accompanying application integrating Barcode Xpress SDK with ImageGear SDK Suite – [How to Build a Powerful Document Imaging Workflow](#)

## Personal Projects

- 2013 – Now **Halligan Helper** [www.halliganhelper.com](http://www.halliganhelper.com)  
C.S. Department Resource Tracker
- Collect, track, and graph anonymized computer usage information
  - Build a real-time dashboard for showing the wait time for tutoring
  - Utilizes Django and Websockets
- 2014 – Now **Tufts Tutoring**  
Tutor Matching Service
- Enable student leaders of the Tufts Leonard Carmichael Society (LCS) to intelligently match Tufts Student Tutors to K-12 students in the community around Tufts

## Education

- 2011 – Now **Bachelor** of Science, Computer Science Tufts University, Medford, MA  
Minor in Entrepreneurial Leadership  
Expected in May 2015

## Awards

- 2013 **Tufts Hackathon: Microsoft Sponsored Prize**  
Developed an app for Windows 8 in C#; a student notebook app integrating Windows Live Calendar and Evernote
- 2012 **Tufts Hackathon: Microsoft Sponsored Prize**  
Developed an app for Windows Phone 7 in C#; a record keeper allowing users to start new good habits.
- 2011 **National Merit Scholar** College Board
- 2011 **Eagle Scout** Boy Scouts of America