

# DOUG ILIJEV

[doug.ilijev@gmail.com](mailto:doug.ilijev@gmail.com) | (234) 555-6789  
<http://doug.ilijev.com> | [@DougIlijev](https://www.linkedin.com/in/dougilijev) | [linkedin.com/in/dougilijev](https://www.linkedin.com/in/dougilijev)

1234 Somewhere Place

Nowhere, TX 98765

**US Citizen/Permanent Resident**

<b>EDUCATION</b>	<b>University of Texas at Austin</b>	May 2015
	<ul style="list-style-type: none"><li>– M.S. Computer Science</li><li>– B.S. Computer Science – Cumulative GPA 3.85</li></ul>	
	<b>University of Texas at Austin – Cumulative GPA: 3.89</b>	Dec 2013
	<ul style="list-style-type: none"><li>– B.S. Computer Engineering, Honors – Major GPA: 3.95</li></ul>	
<b>COURSES</b>	<i>Graduate-Level:</i> Computer Graphics, Automated Software Design, Databases, Programming Languages; <i>Undergraduate-Level:</i> Honors Data Structures, Digital Logic Design, Algorithms, Embedded Systems, Real Time OS, Computer Architecture, Compilers	

## EXPERIENCE

Fall 2014	<b>UT AUSTIN.</b> TA for CS 392F (Automated Software Design) with Prof. Don Batory
Summer 2014	<b>MICROSOFT.</b> Software Developer (SDE) Intern – Tools for Software Engineering <ul style="list-style-type: none"><li>– Implemented detours (API hooking) for file-related Windows APIs to monitor file accesses</li><li>– Improved algorithm for verification of file accesses from <math>O(n^2)</math> to <math>O(n \log(n))</math></li></ul>
2013-2014	<b>OURLY.</b> Startup which tried to create a social planning app for web and mobile <ul style="list-style-type: none"><li>– Web interface and server infrastructure (built on Node.js)</li></ul>
Spring 2014	<b>UT AUSTIN.</b> TA for EE 360C (Algorithms) with Christine Julien <ul style="list-style-type: none"><li>– Held office hours, created programming assignments, graded assignments</li></ul>
Fall 2013	<b>UT AUSTIN.</b> TA for EE 360C (Algorithms) with Joydeep Ghosh
Summer 2013	<b>MICROSOFT.</b> Software Developer (SDE) Intern – Chakra JIT (JavaScript Engine) <ul style="list-style-type: none"><li>– Exposed internal-only APIs, and developed a Web 2.0 tool for viewing Chakra JIT</li><li>– Developed an plugin for IE11's F12 tools to aid with optimizing Chakra</li></ul>
Spring 2013	<b>UT AUSTIN.</b> TA for EE 360C (Algorithms) with Christine Julien
Summer 2012	<b>MICROSOFT.</b> Program Manager (PM) Intern – Dynamics AX: Developer Tools <ul style="list-style-type: none"><li>– Spec'd and developed a management tool for partners that use TFS source control</li><li>– Contributed to a white paper on AX application lifecycle management</li></ul>
Summer 2011	<b>QUALCOMM.</b> Software Engineering Intern in Test – Multimedia: Audio Team <ul style="list-style-type: none"><li>– Implemented a unit test framework for voice packet verification</li><li>– Developed a Test Device Tracker, a company-wide productivity tool</li></ul>

<b>PROJECTS</b>	<ul style="list-style-type: none"><li>– Contributions to Open Source: wxMaxima (<a href="https://github.com/andrejv/wxmaxima">https://github.com/andrejv/wxmaxima</a>)</li><li>– Implemented a real-time OS on an ARM Cortex-M3-based system</li><li>– Wrote a suite of productivity and Java development tools in AutoHotkey</li><li>– Various pet projects: flash-drive virus immunizer, photo tagger, essay analyzer</li></ul>
-----------------	-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

## TECH. SKILLS

### Programming Languages and Tools

- *Proficient with:* C/C++, C#, Java, LaTeX, AutoHotkey
- *Comfortable with:* HTML5/CSS/JS, OpenGL, Python, Assembly (ARM, x86), Make, bash
- *Some experience:* Node.js, PHP, MySQL, MongoDB, Lisp/Scheme

### Software

- *Development:* Eclipse, Visual Studio, Source Control (Git, Hg, Perforce, SourceDepot, TFS)
- *Productivity:* some home-brewed tools, MS Office, Maxima, Matlab, Mathematica

# DOUG ILIJEV

[doug.ilijev@gmail.com](mailto:doug.ilijev@gmail.com) | (234) 555-6789  
<http://doug.ilijev.com> | [@DougIlijev](https://twitter.com/DougIlijev) | [linkedin.com/in/dougilijev](https://www.linkedin.com/in/dougilijev)

1234 Somewhere Place

Nowhere, TX 98765

**US Citizen/Permanent Resident**

## **PUBLICATIONS**

"Collisional Quenching of Erythrosin B. Potential Reference Dye for Impulse Response Function Evaluation." Szabelski, Ilijev, et al. *Applied Spectroscopy*, Vol. 63, No. 3. Mar. '09.  
– Studied the frequency response of different concentrations of Erythrosin B

---

## **ACTIVITIES**

HKN Honors Society ('10-present): *Recording Sec.* (Spring '12), *Historian* (Fall '11, Spring '13)  
UT University Orchestra ('09-present): *Principal Viola* ('09-'10), *Asst. Principal Viola* (Fall '10)  
Northwest Mahler Festival Orchestra ('12-present)  
EChO [Engineering Chamber Orchestra] ('09-present)  
Texas Crew rowing team (Spring '11)

## **ACHIEVEMENTS**

Endowed Presidential Merit Scholarship (Spring '11, Spring '12)  
Cockrell Scholarship (Fall '09 – Spring '13)  
ACM Regional Programming Contest 2010 – 2<sup>nd</sup> place programming team  
TMEA All-State String Orchestra (2010, 2012)  
High School All-State Swimming: 400 Free Relay (2<sup>nd</sup> Team), 100 Back (Honorable Mention)