

# John Bojorquez

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(860) 336-9505

## OBJECTIVE

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Program some cool things.

## EDUCATION

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University of Connecticut  
*Bachelor of Science in Engineering*  
GPA in Computer Science: 4.0/4.0

Storrs, CT  
May 2017

## RELEVANT COURSEWORK

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Data Structures and Algorithms, Object-Oriented Programming, A.I., and Systems Programming.

## PROFESSIONAL EXPERIENCE

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**Google**  
*Software Engineer*

Mountain View, CA  
July 2017 –

- Coming soon in a theater near you.

**United Technologies - Otis Elevator Company**  
*Software Engineering Intern*

Farmington, CT  
May 2015 – August 2016

- Developed a software application in Java to automate testing of the CompassPlus Fixture Software.
- Developed embedded software using the C++ Qt framework for an Angstrom Linux ARMv6 device.
- Proposed and implemented a software alternative to facilitate the integration of Otis card readers with third party security software.

**Department of Computer Science and Engineering**  
*Undergraduate Teaching Assistant*

Storrs, CT  
December 2015 – Present

- Undergraduate teaching assistant for Intro to Programming with Scheme, Discrete Math, and Systems Programming.
- Held office hours and midterm review sessions.

**School of Engineering Tutoring Center**  
*Computer Science Tutor*

Storrs, CT  
December 2014 – Present

- Tutored students in classes such as Introduction to Programming with Scheme, Discrete Mathematics, Object-Oriented Programming, and Data Structures and Algorithms.
- Lectured groups of students on data structures, recursion, asymptotic analysis, and algorithm design.

**COR<sup>2</sup>E Web Development Team**  
*Full Stack Web Developer*

Storrs, CT  
July 2016 – Present

- Contributed to the development of open-source web tools for finding research equipment and expertise at the University of Connecticut.

**Department of Computer Science and Engineering**  
*Volunteer Scheme Tutor*

Storrs, CT  
September 2014 – December 2014

- During sophomore year, volunteered to hold weekly review sessions for freshman CSE students.
- Helped students establish an understanding of freshman computer science concepts such as recursion, higher-order functions, lists, binary search trees, and streams.

## PERSONAL PROJECTS

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**codepad.us**

May 2016 – Present

- Designed and built an online environment for real-time teaching and programming interviews.
- Web tool created with HTML, CSS, VanillaJS, and WebSocket technology with a backend Clojure app.

## SKILLS

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Programming Languages: C++, C, Java, Lisp (Scheme, Clojure), SML, JavaScript, PHP, LaTeX

Libraries/Frameworks: Qt 4.8, Laravel, Bootstrap, Windows API, httpkit

Software: Linux, gdb, valgrind, Emacs, Eclipse, NetBeans, Leiningen, MS Visual Studio, DrRacket, OllyDbg