

CHANNING PEAR

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EDUCATION

2014-present	University of Texas at Austin, B.S. Computer Science Turing Scholar, Computer Science Honors Program Expected graduation: May 2018 Cumulative GPA: 3.7/4.0	Austin, TX
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WORK EXPERIENCE

Summer 2014	Beecher Investors, Inc., Software Developer Implemented real-time data grabber using Yahoo's YQL databases	Stamford, CT
Summer 2014	National Computer Camp, Counselor- In-Training Taught students various programming languages (C++, Java, Python, Assembler, etc) in a flipped classroom setting	Fairfield, CT
Spring 2014	Bogen Communications, Inc., IT/System Administrator Intern Conceived and designed an automated, remote software deployment system, projected to save the company an estimated 400 hours per year	Ramsey, NJ
2011-2013	YouTube Channel Founder Virally grew channel to 3,000,000 views & 10,000 subscribers. Developed and cross-promoted educational videos detailing Minecraft designs & instructions for enthusiasts	youtube.com/PearSquirrel
2010-2014	Web Developer Created over 10 websites for businesses, non-profits, educational groups and teachers	channingpear.com/portfolio

SELECTED PROJECTS

Web Crawler Indexes and searches through a set of dynamically-found webpages. Supports compound boolean queries and efficient phrase searching.
Swim Scope Web app that scrapes an online database for the times of a specified group of swimmers and ranks them in each of their events. Developed using Python, Selenium, Flask, and MongoDB
Genetic Tetris Graphical Tetris game with an AI developed and optimized through a genetic algorithm
Darien High School Website Functions include password protected sections, schedule rotator, calendars, sortable tables, searchable and filterable content
Chess Drag-and-drop, graphical chess program. Developed in Java using Swing

EXTRA-CURRICULARS

2014-present	Longhorn Band, Trumpet Elected New Member Representative
2005-present	Jazz and Concert Trumpet 1st Chair Jazz Band and Concert Band since sophomore year, section leader since junior year 1st Chair Connecticut Western Regional Jazz Band both junior and senior year

SKILLS AND TECHNOLOGY

Software Development: Proficient in Java. Experienced in C++, Python, JavaScript. Exposure to Objective C, PHP
Web Development: HTML, CSS, PHP, JavaScript, XML, MySQL, WordPress, Bootstrap

RELEVANT COURSEWORK

- Honors: Data Structures and Algorithms
- Honors: Discrete Mathematics for CS
- Honors Computer Organization & Architecture
- Honors: Vector Calculus
- Linear Algebra
- Statistics
- Microeconomics