

Jake Ryan Mayo

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JakeRyanDesign.com

EDUCATION

The University of Texas at Austin

Bachelor of Science and Arts in Computer Science – GPA: 3.37

Fall 2016

- Relevant Coursework: Data Structures, Computer Architecture, Principles of Computer Systems

Bachelor of Business Administration – GPA: 3.59

Fall 2009

- Major: Marketing Minor: Finance

University of Economics | Prague, Czech Republic

Spring 2009

Semester Study Abroad Program

TECHNICAL SKILLS

Programming Experience

- Proficient in Java
- Academic experience with C, Python, Verilog, and x86 Assembly
- Exposure to UNIX/Linux

Web Development

- Exposure to HTML, CSS, JavaScript and Bootstrap

PROJECTS

Blackjack – Text based multiplayer game

- Object-oriented Java program involving up to five players who can bet on and split hands
- Players can also double down, hold, hit, surrender and buy insurance per hand
- Follows conventional Las Vegas rules and guidelines

Jake's Game Pack – Text based multiplayer games

- Connect Four – Checkers – Mastermind – Tic-tac-toe

Compiler – Computer architecture project

- Built compiler for a script language interpreting basic arithmetic and Boolean operations

EXPERIENCE

Mayo Autoworks – General Manager, Killeen, TX

12/2012 – 5/2014

- Designed Java program to calculate, print, and store weekly payroll and tax information
- Developed marketing campaigns to increase online brand awareness
- Managed automotive mechanic business with sales above \$100,000 per month
- Voted “One of the Best in Central Texas” in the Killeen Daily Herald two consecutive years (2013 & 2014)
- Repaired all foreign or domestic vehicles ranging from changing a tire to rebuilding an engine

Killeen I.S.D. – High School Business Education Teacher, Killeen, TX

09/2010 – 06/2013

- Curriculum included Microsoft Word, Excel, PowerPoint, résumé building, personal finance, marketing, loans and taxes
- Administered four different class curriculums at any time with a student body over 170 students
- Planned and developed unique daily lessons with an emphasis on differentiated learning
- Excelled in creating class discipline with a healthy learning environment for all students

H.E.B. – Management Internships, Austin & Killeen, TX

Summer 2008 & 2009

- Managed the drugstore department with weekly sales of \$50,000
- Implemented sales strategies, which increased sales by 1% increments
- Helped coach, develop, and train 193 employees in the service department
- Devised and executed a new customer service project, saving \$300 a week
- Ran weekly sales reports and promotions in anticipation of seasonal changes

ORGANIZATIONS & ACTIVITIES

- Association for Computer Machinery – Member 2015
- UT Competitive Programming – Member 2015
- Microsoft Coding Challenge 2014 & 2015

WORK STATUS

U.S. Citizen