Jake Ryan Mayo

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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   WORK STATUS
  - Association for Computer Machinery – Member 2015   U.S. Citizen
  - UT Competitive Programming – Member 2015
  - Microsoft Coding Challenge 2014 & 2015