Tylor Sarrafzadeh

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EDUCATION

B.S. Computer Science *in progress*   May 2016

Chapman University

PROJECTS AND EXPERIENCE

Database System using Binary Search Trees 2015
- Implements a database using binary search trees to store student and faculty records

Game of Life 2015
- Uses 2 dimensional arrays to simulate cellular automation
- Can simulate with a mirrored, wrap around, or normal grid

Registrar Office Simulation 2015
- Calculates metrics on student wait times and window idle times
- Uses queues and doubly linked lists in C++ with a template queue and doubly linked list class

War Simulation 2014
- Calculates statistics on a given number of war card games to simulate
- Uses polymorphism and array lists in Java

California Film Institute 2011 - 2012

Lead Intern Group for Spring Project 2012
- Managed Twitter, Facebook page with 10,000 followers, posted weekly WordPress blogs
- Compiled data for potential sponsors for the Mill Valley Film Festival
- Initiated contacts with wineries to cater events

PROGRAMMING SKILLS

Java ▪ C++ ▪ C# ▪ C ▪ MIPS Assembly ▪ Android SDK ▪ Facebook SDK ▪ Google SDK ▪ Linux

VOLUNTEER EXPERIENCE

Angel Run
- Helped organize and setup a 5k run to raise money for scholarships and families in need

Habitat for Humanity
- Built affordable housing in south San Francisco for families in need

Hamilton Restoration Project
- Participated in the restoration of wetlands on the former Hamilton Army Airfield

OTHER ACTIVITES AND INTERESTS

Athletics
- Chapman University NCAA Division III Swimming and Diving
- US Swimming, 2009 - 2015
- College of Marin Varsity Swimming and Diving,
  - Bay Valley Swimmer of the Year, CA State Championship

App Development
- Self-taught Android Studio, experience with Facebook app integration and parse sever backend

Film and Visual Effects
- Created YouTube channel for LittleBigPlanet - 1 million total video views
- Self taught Adobe After Effects, Adobe Premier Pro, Adobe Photoshop, MagicBullet Looks, Maya, and Element 3D