

hello@edwardseymour.me
El Paso, TX
915 328 5073
edwardseymour.me

Edward Seymour

Graduating in Dec 2019

Education University of Texas at El Paso

Computer Science BS, Graphic Design Minor

2015–2019

Involved in the Harmony Miners organization in the first year, as head of the media department.

Relevant Coursework:

Database Management, Computer Architecture, Advanced OOP, Automata Computability and Formal Languages, Design and Implementation of Programming Languages, Discrete Mathematics

Carnegie Mellon University

Partial credit towards BS in Computer Science

2012–2015

Relevant Coursework:

Principles of Imperative Computation, Introduction to Data Structures

Projects Hark Emulator

<https://hack-emu.edwardseymour.me>

Apr 2016

Personal project written in JavaScript with ~300 LOC. Hark is an emulator for the Hack computer architecture from the book *The Elements of Computing Systems*. Emulation handled by dedicated web workers, as to not block page rendering. Emulator is over an order of magnitude faster than the supplied emulator.

Connect Four Server

<https://github.com/eseymour/connect-four-server>

Sep–Oct 2016

Class project written in PHP with ~500 LOC. Serves a JSON API to play Connect Four with a provided Java client. Clients play against computer players, with random and blocking/opportunistic players available. Game logic is handled server side. State is handled using files containing game states encoded in JSON.

Skills

Proficient in Java, Swift, JavaScript, Ruby and C. Able to pick up other programming languages as needed.

Native English and Spanish speaker. Basic understanding of Turkish and Japanese.

Work Experience Harmony Science Academy – El Paso

IT Assistant

Nov 2013–Jan 2015

Internal customer support role within the school, troubleshooting and fixing computers used by faculty and students. While there, I redesigned the Sun City Science Fair website from a dated design to a new, responsive HTML5 website.

Volunteering Neon Desert Music Festival

Volunteer

May 28–29, 2016

Neon Desert is a local music festival held every year in El Paso. Helped to set up parts of the festival and filled in roles as necessary, such as directing festival attendees around the festival and ensuring that the artist areas remained presentable.