annie ho
web developer + designer

portfolio: hammerlord.github.io
github: github.com/Hammerlord
ho.annie.w@gmail.com

experience

Web Developer
Gumstix | January 2017 - present
Technologies: HTML, CSS (LESS), JavaScript (ES6, JQuery, React), PHP (Symfony), WordPress

Designed, coded, and shipped customer-facing features for Gumstix's circuit board design application, Geppetto. Wrote unit tests to promote code stability and performed QA. Created marketing collateral: print and digital graphics, video, website landing pages.

• Increased Geppetto user engagement by identifying and implementing usability improvements. Halved initial application load time, which nearly doubled user interaction rates. Streamlined the components library to require less manual navigation and reduce unnecessary screen real estate.
• Created the Board Builder, a tool that automates most of the Geppetto workflow by placing and connecting chosen components. Since launch, the Builder has generated 4,000+ designs and increased signups by ~20%.
• Led initiative to convert Backbone views to React components. Over a third of the 60,000+ line codebase is now built using React. Leveraged the library to reduce lines of code by 10-20% while achieving the same functionality with far fewer bugs.
• Reworked a proprietary Angular app to reduce manual tasks and possibility of user error by company engineers. Identified and coded improvements such as: visual indication of possible issues, options to automate data entry, and server-side pagination for load time performance.

Mobile Interface Designer
Vansky | Freelance | 2016

Technologies: Adobe Photoshop, Axure

Designed interface workflow for a mobile app in which users collect points for promotions. Iterated by wireframing, then produced a final prototype with full graphics and interactions in Axure.

skills

HTML + CSS / LESS

JavaScript (ES6)
React, Backbone, TypeScript, JQuery

Python 3

PHP

Adobe Creative Suite

UX / UI Design

Digital marketing

Have experience with:

Java   C#   XML   .NET/WPF

education

Simon Fraser University
Interactive Arts and Technology (B.A.)
2012 - 2017

personal projects

Chat bots using the Discord Python API and DynamoDB for back-end data storage:

Rollbot: Suite of luck-based games—slot machine, multiplayer Blackjack, Final Fantasy XIV Cactpot clone and more; tracks player earnings and losses

Monbot: Pokemon-style game with turn-based combat, item collection, and player-versus-player mode