Benjamin Hillard

A Full Stack Web Developer and Designer, with an interest in human centered design and innovative technologies.

EDUCATION

University of Massachusetts Amherst
2017 — 2020

B.S. Computer Science · Amherst, MA · GPA: 3.6

Fitchburg State University
2015 — 2017

B.S. Computer Science · Fitchburg, MA · GPA: 3.9

WORK EXPERIENCE

Blackhawk Mechanic, US Army NG
Bourne, MA · September 2012 — May 2020

- Maintained, diagnosed and repaired Blackhawk helicopters
- Saved time and money by accurately assessing the severity of situations
- Lead effective teams to ensure quality in all maintenance and repairs

Sergeant, US Army NG
Bourne, MA · September 2012 — May 2020

- Obtained Secret Security Clearance
- Deployed to Kosovo in 2017-2018
- Trained junior enlisted soldiers to perform maintenance procedures and repairs
- Taught classes on inner workings of mechanisms to broaden understanding of the aircraft
- Lead small teams by efficiently delegating tasks, providing helpful information, and promoting safety in repairs
- Upkept morale on extended duty days (12 plus hours)
- Graduated top ten percent from the US Army Basic Leadership Course

PROJECTS

Milk Create
- A reimagining of Spotify's UX. Built with Node, React and Spotify API
- Designed as a the metaphorical equivalent to traditional vinyl collections
- Integrates Spotify's web player with React as well as a dozens unique API calls

Pistil Magazine
- E-Magazine hosting and publishing made simple. Built with Express, Handlebars and MongoDB
- Designed to be modular, scalable and easy to use. Can be set up with little to no coding knowledge
- Makes use of MongoDB cloud services, gridFS chunk collection and several NPM libraries

Highlight
- A reading aid for those with reading or cognitive difficulty. Build with Express and jQuery and MongoDB
- Designed to be minimal. Makes use of Bootstrap and jQuery for a responsive and interactive UX
- Server and text parsing tools build in Typescript with the use of Express and Node.js

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Portfolio benjihillard.com

Linkedin.com/in/bhillard

Github.com/benjihillard

Instagram.com/benjihappens

TECHNICAL SKILLS

- Python
- Type/Javascript
- HTML
- CSS
- React
- MySQL
- MongoDB
- Express
- Handlebars
- Angular
- C/C++
- C#
- ARM (assy)
- jQuery