Can Pu

For Internship in Web Development

https://canpu.github.io/treehouse-frontend-project09

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EDUCATION

Ongoing	Mass. Institute of Technology	Ph.D. in Nuclear Science and Engineering	
Ongoing	**Georgia Institute of Technology**	**M.S. in Computer Science**	**GPA: 4.0/4.0**
2018	**Treehouse**	**TechDegree in Front End Web Development**	
2018	Texas A&M University	M.S. in Mathematics	GPA: 4.0/4.0
2015	Texas A&M University	B.S. in Nuclear Engineering	GPA: 4.0/4.0 (Summa Cum Laude)

SKILLS

HTML	CSS	Sass
JavaScript	jQuery	AJAX
Bootstrap	SQL	PHP
Python	Java	WordPress

PROJECTS

Capstone Portfolio

- Capstone project of the Treehouse TechDegree program
- Mobile-First Responsive design is realized using Bootstrap
- Data is stored in JSON files and retrieved using AJAX
- Many interactive features are implemented, including a time axis, a modal window, a flappable book, growing skill bars, a carousel and so on
- Viewer can send me emails in the contact section through Formspree

WebApp Dashboard

- Project of the Treehouse TechDegree program
- Mobile-First Responsive design is realized using CSS grid
- The searchbox in the message widget can autocomplete user names
- The user's setting is saved in local storage
- Several interactive features are implemented, including chart drawing, an alert bell and alert messages

Employee Directory

- Project of the Treehouse TechDegree program
- User external API to randomly generate information of employees
- Users can filter employees by entering full or partial names in the searchbox

CorkBoardIt

- Class project of Database Design
- Database designed using enhanced entity relationship model, transformed into relational model, implemented in SQL and PHP
- Users can create CorkBoard and post pins (photos) in it. A corkboard is labeled by a category, so is a pin by multiple tags. A corkboard can be private, and in this case, others cannot view it unless the password is provided
- Users can follow other users, watch their corkboard, comment and like their pins

COURSES

Software Engineering, Design of Database Systems, Parallel and Distributed Numerical Algorithms, Interactive Python Programming, Neural Network and Deep Learning, Time Series, Graph Theory, Optimization, Mathematical Programming, Algorithms for Inference