

Can Pu

Seeking internship in **WEB DEVELOPMENT**

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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)

COMPUTER SKILLS

Mathematical Software	Matlab, Mathematica, Maple
Programming Language	C++, Python, C, Java
Web Development	HTML, CSS, Sass, JavaScript, jQuery, AJAX, Bootstrap, PHP
Numerical Library	Eigen, NumPy, deal.II
Hybrid Programming	MEX, MATLAB engine
Parallel Computation	MPI, OpenMP, CUDA

COURSES

Computer Fundamentals, C Programming, C++ Programming, Interactive Python Programming, Software Development Process, Design of Database Systems, Parallel and Distributed Numerical Algorithms, Interactive Python Programming, Neural Network and Deep Learning, Time Series, Statistical Inference, Experimental Design and Analysis

PROJECTS

Portfolio Page	This is the capstone project of the Treehouse TechDegree program. Responsive design is realized using Bootstrap. Data is separated in JSON files and retrieved using AJAX. Education experiences are aligned along a time line; clicking education experience will open a book-shaped modal window, and the user can flip pages through the different educational programs using buttons or keyboards. The acquaintance of skills is shown by the length of bars which start growing once revealed. Clicking a project will bring the user to a carousel in which the user can navigate through all projects. Viewer can send me emails in the contact section through Formspree.
WebApp Dashboard	This is the dashboard of an imaginary app <i>YourApp</i> . The page layout is made by CSS grid and a mobile first responsive design is adopted. The user can view unread messages by clicking the bell on the top, whose dot turns from red to green after messages are dismissed. The user can view the statistics of traffic with selected scale (hourly, daily, weekly or monthly). The charts are made by chart.js. The searchbox in the message widget can autocomplete user names. In the settings widget, the user can save the settings in local storage by clicking save, so the settings will be retrieved each time the page is opened, as long as the cache is not cleared.
SDPCryprogram	This is an Android project of my software engineering class. An app is created for players to challenge cryptograms and compare the results with those of others. Players can create accounts, log in, create new cryptograms, play existing cryptograms until a maximum allowable number of attempts is reached, and view the statistics of cryptograms. Data persistence is attained using SQLite.

AWARDS

2018	Theos J Thompson Memorial Fellowship	Massachusetts Institute of Technology
2015	Graduate Assistantship – Research	Texas A&M University
2014	Adams Family Scholarship	Texas A&M University
2013	Dean's Honor Award	Texas A&M University
2013	Jeff W Simmons '85 Scholarship	Texas A&M University