

Asheq Imran

SKILLS

Programming Languages

JavaScript HTML CSS MATLAB

Web Development

RESTful APIs with OpenAPI Angular Polymer Web Components
UML Class and Sequence Diagrams Chrome Developer Tools
Internationalization (i18n) and Localization (l10n) Basic OO Design Patterns Basic Relational Databases
npm and Gulp Build Systems TDD-Centered Pair Programming Agile Methodology
Wireframe Design in Sketch UX Principles

Applied Math

Differential Equations Control Theory Calculus

EMPLOYMENT

Software Developer, GE Power

2013-08 - 2017-10

General Electric

- Built front-end for various gas turbine advisory applications, which help power utilities operate gas turbines to maximize profits.
- Wrote idiomatic client-side code using promises, the event loop, prototype-based inheritance, REST, and caching. Utilized functional programming concepts like pure functions and pushing DOM mutations to the edge.
- Completed the Edison Engineering Development Program (EEDP).

EDUCATION

Georgia Institute of Technology

2013-08 - 2013-08 | ECE 6800 - Satellite Communication and Navigation Systems ECE 6406 - Solar Cells ECE 6803 - Dynamic Control of Hybrid Electric Vehicles ECE 6843 - Autonomous Control of Robotic Systems ECE 6552 - Nonlinear Systems ECE 6551 - Digital Control

Georgia Institute of Technology

2007-08 - 2012-05 | CS 1371 - Computing for Engineers (MATLAB) CS 1372 - Program Design for Engineers (C) ECE 2025 - Introduction to Signal Processing ECE 2021 - Digital Design Lab (HDL) ECE 3070 - Electrical Energy Conversion ECE 3060 - Software for Engineering Systems (C++) ECE 2020 - Introduction to Fluid and Thermal Engineering ECE 4170 - Embedded Microcontroller Design (C) ECE 4360 - Computer Vision ECE 4181 - Biomedical Instrumentation (SPE) 3070 - Statistics & Applications

RECOGNITION

CST Engineering Award for Outstanding Tech. Achievement., General Electric

2016

GE Digital App-a-thon Winner, General Electric

2016

Controls Symposium Predix App Contest Winner, General Electric

2016

The win in 2015 was awarded for developing a gas turbine "life odometer." The win in 2016 was given for developing a "performance recovery advisor," which recommends the most economical time to perform various gas turbine maintenance actions, such as replacing the inlet filter or performing a water wash.

INTERESTS

User Experience

Current

Vim

Current