Peter Chu, BA

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TECHNOLOGIES | SKILLS

Agile Methodology • React.js • JavaScript • HTML • CSS • Git • Jira

Node.js • Express.js • MongoDB • Jest • GitHub • VS Code • Docker

Bootstrap • Photoshop • Mobile First • Responsive Design • WCAG

EDUCATION

MIT xPRO,
Professional Certificate in Coding: Full Stack MERN Development   Jul 2022

freeCodeCamp:
- Front End Development Libraries   Apr 2022
- JavaScript Algorithms and Data Structures   Jan 2021
- Responsive Web Design   Dec 2021

University of Delaware, Bachelor's Degree in Biological Sciences   Dec 2001

EXPERIENCE

Forbes Media   Jun 2022 - Present
Frontend Software Engineer
- Frontend web development as part of the technology engineering internship program
- Develop React components to support a code base migration using Next.js, TypeScript, and Sass
- Develop unit tests using Jest, including mock functions and ensuring appropriate branch coverage
- Collaborate with cross-functional teams with Jira and Confluence to deliver well documented work
- Author and publish article on Forbes.com recapping the internship experience:
  www.forbes.com/sites/forbesdigitalgroup/2022/08/10/8-weeks-as-a-43-year-old-software-engineering-intern/

LeNova, Inc.   Jan 2022 – May 2022
Web Developer (Contract)
- Lead business website development efforts
- Design and develop custom client logos, which are showcased in a JavaScript 'stock ticker'
- Research business goals, customers and expected behavior
- Responsive web design using mobile-first approach and custom CSS animations
- Performance testing using Google Lighthouse and GTmetrix
- Hosting and workflow management using GitHub and GitHub Pages
- Implementing Web Content Accessibility Guidelines 2.1

Eisai, Inc. (FKA Morphotek)   Sep 2010 – Dec 2021
Senior Quality Engineer
- Manage site Document Control, QA Validation, Facilities, Automation, Deviation Management, and Change Control
- Develop a controlled drawing process in collaboration with a cross-functional of SMEs
- Mentor and develop junior quality staff
- Perform continuous improvement efforts; and support the site during internal and regulatory audits

Janssen Pharmaceuticals (FKA Centocor)   Sep 2006 – Sep 2010
Senior Validation Engineer
- Manage multi-set automation programs that supported pilot plant and laboratories
- Perform investigations, corrective and preventive actions in response to qualification discrepancies and atypical events
- Generate site regulatory documentation, including the Site Qualification Master Plan

Integrated Project Services   Feb 2002 – Sep 2006
Validation Specialist (Consultant)
- Support computer system validation during all phases of software development lifecycle and implementation
- Emerson DeltaV SCADA Programmable Logic Controller (PLC) ladder-logic testing and troubleshooting

PROJECTS

Portfolio • codebypete.com
- Started coding in Dec 2021 to pursue my passion
- Portfolio website was developed and initially deployed ~4 months into *myCodingJourney*

ScrollTainer | UI Experiment • codetracklift.github.io/scrolltainer/
- This "mini-app" was a contribution to the Forbes-Media UI Showcase
- Video Presentation: https://youtu.be/gzscXr-4e14
- Made with React 18 and Framer-Motion, features animated scrolling containers

Full Stack Banking Application • xch-mern.heroku.app.com
- MERN App | Axios Fetch | JSON Web Tokens | Bcrypt Authentication | Coingecko API
- Horizontal scrolling stock ticker plus currency calculator using real exchange rates
- Note that this may take a minute to load, as it is deployed on Heroku

Engineering Firm Website • lenovainc.com
- Designed and developed in collaboration with the business owners
- Custom features include CSS animations, and horizontally scrolling 'social proof' logo container
- Completed ahead of scheduled with a development timeline of 8 weeks, and is currently being maintained for the client.