



# Peter Chu, BA

## Software Developer

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## Professional Experience

### Frontend Web Developer

**Forbes Media** Jun2022 - Present

- 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
- Collaborate with cross-functional teams with Jira and Confluence to deliver well documented work
- Review and prepare performance testing documents

### Web Developer (Contract)

**LeNova, Inc.** Jan2022 - May2022

- Lead business website development efforts
- Search engine optimization (currently ranked for key words)
- Design and develop custom client logos and render in a JavaScript 'stock ticker'
- Research business goals, customers and expected behaviour
- Responsive web design using a 'mobile first' approach with custom CSS animations and JavaScript
- Performance testing using Google Lighthouse and GTmetrix
- Hosting and workflow management using GitHub Pages
- Implementing Web Content Accessibility Guidelines 2.1

### Senior Quality Engineer

**Eisai, Inc. (FKA Morphotek)** Sep2010 - Dec2021

- Manage site Document Control, QA Validation, Facilities, Automation, Deviation Management, and Change Control
- Develop a controlled drawing process in collaboration with a cross-functional team of SMEs
- Mentor and develop junior quality staff
- Perform continuous improvement efforts; and support the site during internal and regulatory audits

### Senior Validation Engineer

**Janssen Pharmaceuticals (FKA Centocor)** Sep2006 - Sep2010

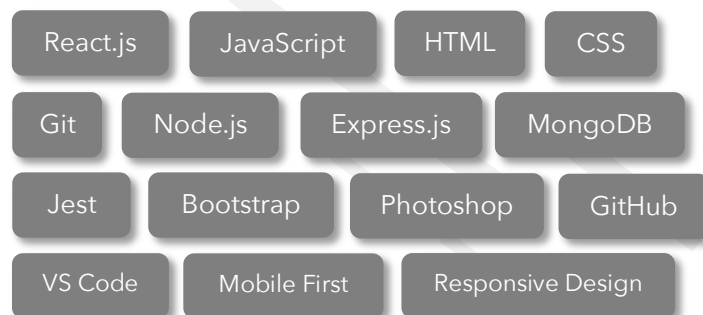
- Manage multi-site automation programs that support pilot plants and laboratories
- Generate site regulatory documentation, including the Site Qualification Master Plan

### Validation Specialist (Consultant)

**Integrated Project Services** Feb2002 - Sep2006

- Support computer system validation during all phases of software development lifecycle and implementation

## Technologies & Skills



## Projects

### My Portfolio || [codebypete.com](https://codebypete.com)

Started coding in Dec 2021 to pursue my passion

### ScrollTainer || [codetracklift.github.io/scrolltainer/](https://codetracklift.github.io/scrolltainer/)

- Contribution to Forbes-Media UI Showcase
- [YouTube Video](#) | React | Framer-Motion

### Full Stack Banking App || [xch-mern.herokuapp.com](https://xch-mern.herokuapp.com)

- MERN App | Axios Fetch | JWT & bcrypt Authentication
- Custom scrolling stock ticker with real currency calculator
- Heroku deployment, please give it a min to spin up

### Engineering Firm Website || [lenovainc.com](https://lenovainc.com)

- CSS Animations | Custom JS 'Stock Ticker' | Currently maintained
- This website was designed and developed in collaboration with the business owners. Project was completed ahead of schedule, with an actual timeline of 8 weeks.

### Front End Banking App || [codetracklift.github.io/xchange](https://codetracklift.github.io/xchange)

- React App | Exchange Rate API | Input Validation | Mock Database
- This was later 'upgraded' to the Full Stack Banking App above

### Photographer Landingpage || [lmnphoto.biz](https://lmnphoto.biz)

- This was my first freelance project. It was developed with HTML, CSS, JavaScript, Bootstrap and ScrollMagic
- Developed and deployed in Jan 2022 | Currently maintained

## Education

### MIT xPro | Professional Certificate in Full Stack

Web Development using MERN (Jul2022)

Best, test, deploy web applications & APIs using MERN stack and CI/CD pipeline

### freeCodeCamp | Self-Taught Certificates

Front End Development Libraries (Apr2022)

JavaScript Algorithms and Data Structure (Jan2022)

Responsive Web Design (Dec2021)

### University of Delaware | Bachelor's Degree in

Biological Sciences (Dec2001)

`stationInLife.replace( 'Pharmaceutical Engineer', 'Software Developer' );`