

Bo Chen

SOFTWARE DEVELOPER · WEB DEVELOPER

Duluth, Georgia, 30096

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Work Experience

Developer II

Johns Creek, GA

MACY'S TECHNOLOGY

Nov. 2017 - PRESENT

- Designed and implemented a data visualization charting module, which can be easily implemented, repeatedly use and supporting various charting libraries (such as Highcharts, C3, ChartJS), which increases significantly amount of productivity.
- Optimized application's runtime performance and reduced application size by more than 40% by using methods such as AoT, tree shake, lazy loading, angular-analyzer.
- Upgraded applications libraries dependencies and version, upgraded from Angular 2.0 to Angular 5.2, Webpack 2.2 to Webpack 3.3
- Applying PWA concept to current dashboard application using Angular CLI and services worker.
- Responsible for analysis, design, testing, documenting and implementation of solutions to various teams and executives.

Developer I

Johns Creek, GA

MACY'S TECHNOLOGY

Nov. 2016 - Nov. 2017

- Decoupled and transformed application's front-end from PHP into Angular2.0.
- Redesigned and built dashboard web applications using Angular, Node.js, Typescript, RESTful Web Services, etc.
- Utilized modules and libraries (d3, Chart.js, c3, datatables, etc) for responsive web design and data visualization.
- Supported a RESTful API which monitoring data collected for macys.com and bloomingdales.com.
- Monitored the operating efficiency of existing application systems and provided proactive maintenance.

EDP (Executive Development Program)

Johns Creek, GA

MACY'S TECHNOLOGY

Nov. 2015 - Nov. 2016

- Developed the dashboard applications which gives data visibility for internal usage by using MySQL, Apache, PHP in MVC framework (MAMP)
- Developed various features to meet needs and requirements, utilizing standard procedures and techniques.
- Use Software Development Life Cycle (SDLC) concepts throughout the application development process.

Skills

Web Stacks

JavaScript, Typescript, HTML/HTML5, CSS/CSS3, Bootstrap, PHP, Python

JavaScript Stacks

Node.js, Angular, React, Vue.js, Express.js, Koa.js, RxJS

Data Visualization Tools

D3.js, Highcharts, C3.js, ChartJS, Data Tables, ngx-bootstrap

Database

MySQL, Firebase, MongoDB

Education

Georgia Institute of Technology

Atlanta, Georgia

B.S. IN COMPUTER SCIENCE

2012 - 2015

- Concentration: Information Networking and Media

Projects

Wechat Official Account Application

DESIGNER & DEVELOPER

Oct. 2017 - Jan. 2018

- Provide a news & information subscription services to Wechat users.
- Integrated third party API called Turing Robot to achieved auto message reply feature.
- Tech stacks: Egg.js, Koa.js, Firebase

Hotels Performance Dashboard

DESIGNER & DEVELOPER

Jan. 2017 - Nov. 2017

- Performance dashboard for a small hotel client, monitoring and analyzing the hotel income and spending.
- Build and support dashboard application by Angular, ChartJS, Webpack, etc.