PENG SHA

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EDUCATION

Southeast University, Postgraduate   09/2020 – Present
- Major: Control science and Engineering, School of Automation. Anticipated graduation date: 06/2023

Beijing University of Chemical Technology, Bachelor's Degree   09/2016 – 06/2020
- Major: Automation, Excellent engineer class, School of information science and technology.
- GPA: 3.67/4.33 (Ranked 7 out of 199)

WORK EXPERIENCE

ByteDance Inc., Shanghai, China   07/2021 – 09/2021

(Lark Video Conference Room)   R&D Intern, React.js/Typescript
- Responsible for Lark Video Conference Admin Platform R&D work related to vertical business, using React.js, Mobx and other tools for development and maintenance.
- Participated in R&D work of key accounts, involving multi-terminal cooperative development and multi-terminal joint debugging, including joint debugging of front and back ends and desktop ends.
- Learned a lot about the practical experience of Typescript, React.js and enterprise development process

RESEARCH & ACADEMIC EXPERIENCE

Institute of Automation, Chinese Academy of Sciences, Beijing, China   04/2019 – 06/2020

(State Key Laboratory of Complex System Management and Control)   Research Intern
- Participate in the development of background management system for edge computing.
- The front-end is based on Vue.js, and the back-end is developed based on Flask and PostgreSQL
- Building images for multi-architecture platforms using Docker Buildx.

PORTFOLIOS

notion-blog   https://github.com/shapeng1998/notion-blog

A notion based blog template
- Using Notion as a blog CMS to write articles, support dark mode and have friendly SEO.
- Server-side rendering with Next.js.
- Styling with Tailwind CSS.
- Using react-notion-x to render the blog content.

ByteDance Front-end Training Camp   11/2020 – 12/2020

2048 game for multi users
- As the team leader of the project, responsible for the back-end development and deployment.
- Using Express, Socket.IO and MongoDB to develop the back-end service.
- Using Github Actions and Docker to implement the CI/CD pipeline.
- Learn React.js during the project and master the basic usage.

SKILLS

- **Programming Language**: **multilingual** (not limited to any specific language), and experienced in Typescript, comfortable with Python/Java/C++
- **Developing Tool**: familiar with Linux-based programming, have experience with team tools like Git, etc.

MISCELLANEOUS

- **Selected Courses**: OS, Network, Algorithm.
- **Language Level**: English CET-6: 618 points, able to conduct daily conversation and essay reading.
- **First Prize in Beijing**, National College Student Electronic Design Competition 2019