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# RYAN MATTHEW SMITH

## Software Engineer

### Software Engineer

#### PicoBrew

9/2018 - 4/2020

Collaborated with design and marketing to rebuild key customer facing pages to reduce bounce rate, increase conversion, and improve mobile experiences. Key holiday sales increased 25% in 2019 from 2018 with same product line and reduced ad spending.

Built internal CMS allowing marketing to run promotions through promo-strips, offer pages and a clearance page, all controlled and updated without developer intervention.

Transitioned team from AngularJS 1.x to VueJS 2.x, first building new web components in Vue, then mentoring other devs to help ramp them up with Vue.

Redesigned UI and backend for 'Brewhouse', PicoBrew's logged-in user dashboard. Load times improved about 80% for our top 10 power users by redesigning backend.

Created library of reusable VueJS web components and CSS animation utility.

Lead front-end development for new pages and redesigns. Work included new fullstack solutions for homepage, nav, flagship product pages (Z, MultiBrew), public recipes.

### Software Design Engineer Intern

#### PicoBrew

11/2017 - 8/2018

Firmware development for Z Series focused on UI/UX. Built graphic library rich with animated text, image animation, gradients, circular menus, automated slideshows.

Redesigned 'LogHouse' API and UI. Consolidated 5 different views and API's into a generic API, significantly reducing code size and complexity.

Built and promoted usage of reusable web components.

Built framework with design team allowing code sharing between NodeJS and .NET.

### Co-Founder, Creative Director

#### ChefSteps

9/2011 - 12/2013

Shaped company vision and culture closely with two other founders.

Lead efforts to build ChefSteps content, developing highly accessible and instructional content for curious cooks. Included production of over 300 videos and 5 online classes designed to get users cooking technically challenging recipes with ease.

Lead early design and branding that set tone for the company.

Nominated for James Beard Award, Best New Media.

### Principal Photographer

#### Modernist Cuisine LLC

12/2007 - 10/ 2011

Photographed and Photo Edited 95% of 2400 page James Beard Award winning cookbook, Modernist Cuisine.

Worked closely with team of chefs and scientists to illustrate food science and cooking techniques that were both informative and beautiful.

Managed image asset library of over 200,000 images.

Collaborated with machine shop to build custom sets and props.

#### EDUCATION

BS Computer Engineering  
University of Washington, Seattle  
Focus in Distributed Systems  
Graduated 3/19, 3.6 Major GPA

#### SKILLS

Full Stack Web Dev  
Responsive Web Dev  
UI Development  
Object Oriented Design  
Rapid Prototyping  
UI/UX Design  
Team Leading  
Inter-Team Collaboration  
Brand Development

#### TECH

C#  
HTML5/CSS3  
VueJS  
Javascript  
SQL Server  
ASP.NET  
Java  
C/C++

#### COLLABORATION

Scrum / Agile  
GIT  
Trello  
Slack / Teams  
Azure DevOps

#### SOFTWARE

SSMS  
Adobe PS, AI  
Sketch  
Azure Services  
Postman