

# Bohdan Nakonechnyi

[LinkedIn](#) • [GitHub](#) • [Portfolio](#)

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## PROJECTS

**Safe Notes** | (Ruby on Rails, PostgreSQL, React.js, Redux)

[Live](#) • [GitHub](#)

*Full stack single-page app inspired by Evernote*

- Architected RESTful Rails API to serve single page web app with a PostgreSQL database
- Defined authentication system with password hashing (BCrypt) and unique session token (SecureRandom) to ensure high-level database security
- Developed front-end views using DRY and reusable components
- Designed UI/UX inspired by Evernote using CSS3, React-Quill and React-Tooltip

**Space War** | (JavaScript, Canvas)

[Live](#) • [GitHub](#)

*Arcade style space shooter browser game where player has to destroy all the enemies*

- Followed JavaScript OOP design and ES6 class inheritance to ensure modular and DRY code based on game logic
- Built dynamic gameplay using HTML5 canvas element, sprite sheet animations and vector math for updating game state
- Implemented rendering game state at 60FPS and garbage collecting out-of-play objects

**Chess** | (Ruby)

[GitHub](#)

*Console version of well known game*

- Incorporated Ruby OOP with multi-level class inheritance for DRY code
- Developed validation algorithm for available moves and attack positions

## PROGRAMMING SKILLS

Ruby | Rails | RSpec | JavaScript | jQuery | React | Redux | Git | SQL | HTML5 | CSS3

## EDUCATION

**App Academy** | Web Development

2016 – 2017

*Full Stack Course, acceptance rate < 3%*

San Francisco

**Lviv National Ivan Franko University** | Economics

2011 – 2015

*Relevant courses: Linear Algebra, Math Analysis, Statistics*

Lviv, Ukraine

## EXPERIENCE

**The Turn Cafe** | Cook

2016

- Reduced waiting time for order by 20% organizing workspace
- Saved company 10% of supply expenses by efficient inventory

**Kill Devil's** | Line cook

2015

- Organized kitchen team to be able to serve 300+ orders per shift in fast paced environment