

### WHO AM I?

I'm a software engineer with a love of code maintainability, intuitive UX, and teamwork. Some of my strong suits include Ruby, SQL, Python, and helping others when they run into (metaphorical) brick walls, as well as code reviews.

### WHY HIRE ME?

I'm a fast learner experienced across many areas of software development, including architecting, databases, coding, testing, and deployment. I'm also easy to work with and dependable.

### TECHNICAL SKILLS

Languages:

- Ruby (along with Rails and Sinatra)
- Python (along with Flask)
- SASS and CSS
- JavaScript

Other technologies:

- AWS (SQS, SES, S3, etc.)
- Relational DBs (PostgreSQL, MySQL, Oracle)
- Redis

### ACADEMIC BACKGROUND

**NORTH CAROLINA STATE UNIVERSITY**  
**Bachelor's of Science in Computer Science**

Minors in Linguistics and Spanish

### RECENT EMPLOYMENT

**SENIOR SOFTWARE ENGINEER**  
**PRA Health Sciences | May 2019 - Dec 2019**

- Architected and implemented client-requested features
- Helped free up team lead by taking on responsibilities
- Improved setup documentation across repos for future onboarding
- Used Ruby on Rails, Redis, and MySQL

### RECENT EMPLOYMENT (CONT.)

**SENIOR SOFTWARE ENGINEER**  
**Automated Insights | Mar 2014 - Mar 2019**

- Architected, implemented, and deployed applications that ingested and parsed up to millions of rows of data, converted it into natural language, and delivered to clients within hours
- Primary developer of the initial parser for Wordsmith (world's first self-service NLG platform), which created a coding language for Wordsmith users
- Key contributor to Wordsmith (AI's flagship product) and the Wordsmith Data Engine (which allowed realtime smart narrative generation for Tableau) from their very beginnings
- Planned and implemented large features in Wordsmith, such as the safe transition from plaintext to encrypted client data
- Streamlined processes, such as using tagged releases for internal Python packages, freeing up an hour of developer time each week and increasing stability
- Mentored developers and reviewed code changes
- Troubleshoot and fixed critical bugs in Wordsmith and Wordsmith Data Engine
- Used Ruby, Python, AWS, PostgreSQL, and Redis

**FULL-STACK SOFTWARE ENGINEER**  
**SciMed Solutions | Jun 2009 - Mar 2014**

- Developed custom web software for companies and universities
- Concurrently worked with different developers on multiple projects to help meet deadlines
- Made scientific software (genetics, HIV research, etc.)
- Worked in all parts of stack, from server setup, to deploys, to back-end and front-end coding
- Used Ruby on Rails, JavaScript, CSS, and MySQL, PostgreSQL, Oracle

# Joe Peck

SOFTWARE ENGINEER





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## WHAT DO CO-WORKERS HAVE TO SAY ABOUT ME?

### BRIAN CLEE (SOFTWARE ENGINEER)

OCT 2018




From @Brian Clee 10/19: I'd like to nominate @joe Señor Joe Peck for a much deserved spot bonus. Since starting full-time at Ai Joe has been an incredible mentor and is always willing to drop whatever he is working on to help me out with whatever I'm struggling with. Not only that, but he also has invaluable institutional knowledge, able to jump on work touching any part of our tech stack or legacy projects like [REDACTED] and [REDACTED]. Finally, Joe is truly a pleasure to work with, he has a great sense of humor and can ask critical questions about your work without coming off as pushy or condescending. He leads our entire team to be better developers through example. Ai wouldn't be the same company without Joe, if I could I would nominate him for a million spot bonuses.

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### CODY BRAUN (SENIOR SOFTWARE ENGINEER)

JAN 2019

From @cody 1/3: I'd like to nominate @joe Joe Peck for a spot bonus. No number of fires he has to put out or PRs I pile on him seem to dampen his good spirits. He's really helped get me up to speed in my first couple months here, is always fun to work with, and his code reviews are always pure poetry. Thanks Joe!

 3  8  5



### TYLER AMOS (PRINCIPAL ENGINEER)

OCT 2018

I'd also like to nominate @joe Joe Peck for always being the most reliable team member. I can also count on him when I need a second opinion or a thorough PR review. He's always willing to do a review and usually does it very quickly. This is super helpful for the entire team because it keeps everything moving in the dev pipeline.

  23 reactions

## 2018 AUTOMATED INSIGHTS YEARBOOK SUPERLATIVES

-  Most Representative of AI's "No Jerks" Value (1st)
-  Most Representative of AI's "Stay Agile" Value (3rd)

## ANONYMOUS REVIEWS FROM TEAMMATES (NOV 2018)

Keep being an expert on lots of our codebase, super hard working, and willing to pick up tasks nobody wants to do.

Joe has the best PR comments (funny and serious). I know that whatever he writes is something he has thought about before putting it into words and it feels like he's considered my perspective before leaving the comment. He's patient, listens well, and very even-tempered. I respect him a lot.

[Continue] being a good teammate with a great sense of humor and a positive attitude.