

James Justin White III

Chicago, IL | (847) 770-5146 | justin@hey.com | justinwhite.co

EDUCATION

DePaul University, College of Computing and Digital Media
Bachelor of Science in Information Technology

Chicago, IL
March 2015

COMPUTER & SOFTWARE SKILLS

Experienced with: Ruby, Go, Rails, Kafka, Kubernetes, Google Cloud Platform (BigQuery, GKE, GCE, CloudSQL, BigTable, GCS, Stackdriver), StatsD, Elasticsearch, Docker, Hadoop, HDFS, HBase, Impala, Redis, SQL, MySQL, PostgreSQL, Tableau, Resque, Regex, Postfix, AWS (ECS, EKS, S3, EC2), Git, Working Remotely

Familiar with: Java, Scala, Python, GCP (Dataflow, Pub/Sub), OpenTSDB, JavaScript, jQuery, CoffeeScript, Ajax, Graphite, Highcharts, Nagios, Nginx, Logspout, Unicorn, Objective-C, C++, C#, ASP.NET

EXPERIENCE

Basecamp

Remote

Programmer - Security, Infrastructure & Performance

September 2018 - July 2020

- Launched a new email service, HEY, building out backend features such as a data deletion system, email bouncing system, and a protected action system to increase customer account security
- Built an automated account notification, cancellation, and deletion system into our internal billing app, responsible for cleaning up over 1.5 million inactive accounts across a dozen products
- Built a new-device-sign-in notification system into our login platform, used by all products
- Received an achievement award for my ownership and work on data infrastructure at Basecamp

Basecamp

Remote

Data Engineer - Team Data

October 2016 - September 2018

- Responsible for the development and maintenance of Basecamp's entire Data Infrastructure platform, building ETL pipelines and data parsers, and working frequently with tools like Go, Ruby, Kafka, and Kubernetes
- Lead the migration of the data infrastructure from on-premise hardware to Google Cloud Platform, modernizing technologies, and switching from custom code to open source projects where possible
- Pioneered deployment of the central data platform Rails app to the cloud via Google Kubernetes Engine
- Democratized "Big Data", making data more transparent, accessible, and insightful for the entire company by introducing new systems of access and record like Kibana/Elasticsearch, BigQuery, and Grafana

Basecamp

Remote

Programming Intern

Summer 2016

- Developed a search engine within Basecamp's internal data dashboard to elevate operational data, making it easier to navigate, find data, and gain insights on application health and performance
- Created internal tooling for Support and On Call to streamline common support scripts via a safe web UI
- Overhauled the backend of a 13 year old internal billing application

Young Men's Educational Network – YMEN

Chicago, IL

Project Manager & Lead Developer Database Web Application

Winter – Spring 2014

- Collaborated with others to create a private cloud system to store client records and data using Ruby on Rails
- Organized and participated in meetings with the client and other stakeholders
- Deployed the first Ruby on Rails web application on DePaul's web servers

ACTIVITIES & EXPERIENCES

DePaul University Silicon Valley Research Trip

Summer 2013

- Joined Professor Olayele Adelakun to research and study the Silicon Valley Information Technology Cluster
- Toured the headquarters of Facebook, Google, Yahoo!, eBay Now, Intel, Square Inc., Freewheel and Evernote
- Met with executives, project managers, and software engineers to gain a better perspective of the industry

The Starter League (Formerly Code Academy)

Summer 2012

- Learning skills at a code boot camp including Ruby, Ruby on Rails, JavaScript, HTML, CSS, Git, and MySQL
- Built business strength web applications, showcased them during 'DemoDay' to Chicago's community