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## Experience

- Oct 2017 – Present **Software Engineer**, *Ultimate Software*, Weston, FL.  
*Cloud Platform*
- Develop and manage several platforms for developers to leverage, whether it's a homegrown PaaS, or Pivotal Cloud Foundry, or Kubernetes.
  - Develop and manage a centralized logging and metrics collection platform for company-wide use, currently ingesting over 3TB/day into our Elasticsearch and InfluxDB clusters across multiple datacenters.
  - Participate in an on-call rotation responding to any escalations from production teams or from our NOC.
  - Automate toil away, track outages and conduct postmortems, troubleshoot systems, and follow SRE best practices.
- Jan 2017 – Oct 2017 **Software Engineer Intern**, *Ultimate Software*, Weston, FL.  
*Internal Tools & Payroll*
- Developed an auditing tool to help interact with our event-sourced ecosystem of microservices, reducing QA and demo time of back-end features by 50%.
  - Rewrote a legacy system as a suite of microservices to help teams automate and manage their regression testing, saving tons of manual QA time and data entry.
  - Strengthened the functional test architecture of our Tax Management team by automating their tests to continuously run on their CI to weed out any potential flakiness.
- May 2016 – Aug 2016 **Software Engineer Intern**, *Best Buy*, Richfield, MN.  
*User Generated Content*
- Automated ingestion of an external API on processed customer review content via batch processing.
  - Delivered the ingested data to other teams by republishing it internally to our own scalable API.
  - Researched NLP techniques to perform feature extraction and sentiment analysis in-house.

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## Education

- Dec 2016 **BS in Mathematics**, *Florida International University*, Miami, FL.  
Concentration: Computer Science.  
Honors: Summa Cum Laude, Phi Beta Kappa, FIU Ambassador Scholar, Florida Academic Scholar.
- Aug 2013 **AA in Nursing**, *Miami-Dade College*, Miami, FL.

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## Projects

- MongoDB Pool** A small wrapper package designed to make managing MongoDB connection pools easier.  
▫ <https://npmjs.com/package/mongodb-pool>
- Object Editor** A front-end app to edit and play around with .obj geometry files.  
▫ <https://kaipov.com/obj-editor>

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## Skills

- Languages Python, JavaScript, TypeScript, Java, Shell.
- Tooling Docker, Terraform, Packer, Bosh, Chef, Concourse, GitLab CI.
- Observability Elasticsearch, Logstash, Kibana, Telegraf, InfluxDB, Grafana, Sensu.
- Platforms OpenStack, AWS, GCP, Cloud Foundry, Kubernetes.