Vincent Moeykens

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EDUCATION

- **University of Vermont**   Burlington, VT
  Bachelor of Science in Computer Science   *Aug. 2018 – May. 2022*

EXPERIENCE

- **Pitney Bowes**   White River Junction, VT
  Software Engineer Intern   *Feb 2018 - Dec 2018*
    - Supported the production of GIS data for Location Intelligence applications by developing and maintaining software solutions for data production, processing and enrichment.
    - Supported an in-house, custom GIS web application for cartographic editing and processing.
    - **Development Environment**: Web application development in Javascript utilizing React framework. Postgres/PostGIS and NoSQL for database environment. Developed APIs and ETL processes in Python and Java.
    - **CI/CD**: Utilized Jenkins and Gitlab-CI for orchestrating testing and deployment pipelines. Wrote bash scripts to perform low-level tasks.
    - **Deployment Platform**: Deployed containerized applications and processes using Docker. Utilized AWS tools such as EC2, ECS (and ECR), S3, RDS, and EFS for cloud infrastructure.

- **HackDartmouth**   Hanover, NH
  Team Lead   *Apr 2018*
    - Lead a team of 4 at the HackDartmouth IV Hackathon to brainstorm, design, implement, and deploy a web application designed to help crowd source road-trip stops.
    - Utilized React, Google Cloud Platform, and Google Maps APIs.

- **Chiswick Holiday Courses**   Chiswick, London, United Kingdom
  3D Printing Instructor   *Jul 2016 - Aug 2016*
    - Developed curriculum and purchasing order for a week-long course designed to teach the basics of 3D modeling, design, and printing for students aged 11-16.
    - Taught 4, week-long courses where students were taught the basics of 3D modeling using SketchUp and each day designed increasingly more complex models.
    - Managed 3D printers (Ultimaker 2+) and ensured that each day every student's model from the previous day was printed.

- **American Precision Museum**   Windsor, VT
  Student Volunteer   *Oct 2013 - May 2016*
    - Assisted Director of New Initiatives in developing and running after-school programs to teach local Middle and High School students about STEM topics such as CAD, basic circuitry and soldering, programming, 3D printing, design, and manufacturing.

PROJECTS

- **AR Lucida**: An Android drawing application designed to assist artists of every skill level. A modern implementation of the historic *Camera Obscura* tool.
- **Dharma Nepal Volunteers Website**: A website created to advertise and recruit for the non-profit Dharma Nepal Volunteers.

EXTRACURRICULAR ACTIVITIES

UVM Rescue - Member, 3rd - Burlington, VT   Sep 2018 - Present
Civil Air Patrol - GTL, C/Lt Col, VFR Pilot - Vermont Wing   Feb 2012 - Present

TECHNICAL SKILLS

- **Languages**: Python, Javascript, Java, SQL, XML

- **Technologies**: AWS, Docker, React, Gitlab, Jenkins, Postgres, Android

- **Tools**: IntelliJ IDEA, PyCharm, DataGrip, QGis, Bash