

# Michael A. Busuttil

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4714 Howard Avenue, Windsor ON, N9G 1P7 Canada  
+1 (519) 991-3652, [mike.busuttil@gmail.com](mailto:mike.busuttil@gmail.com)

## Senior Software Engineer, Opreto Corporation, Remote, CA, 2021-present

- Added functionality while losing lines (eg. `+29 -547 ■■■■■■` )
- Turned a 6 month contract into 3+ years (and counting)
- Mentored 6 engineers (SWEs and Data Engineers)
- Conducted 8 interviews
- Wrote docs (and LADRs) and heaps of code
- Scrum master, demo leader, engineering guild conductor
- Tech stack: React, Node.js, Tailwind, Electron, Nest, WebRTC, GraphQL, Python, Postgres, Hasura, Docker, Git, CI (Circle, Actions, Terraform), Teleport, Full agile (pairing, poker, sprints, retros, etc), TDD (unittest, Jest), AWS (S3, CloudFront, Lambda, EC2, ASG, CloudWatch, RDS, Aurora)

## Founder - Tech IT Easy Solutions Inc [\[link\]](#), Windsor, ON, 2015-present

- \$100k+ ARR
- Create and maintain products used by local clinics, firms, and businesses
  - email2fax [\[link\]](#), fax2email, fax2EMR service
  - custom CRMs and EMRs
  - PBX, web application hosting and maintenance
  - PSTN routing, SIP trunking, ISP
- Secured capital investment
- Manage employees, vendors, clients, customers, and contractors
- Tech: Python+Flask, Docker, MySQL, FreePBX+Asterisk, Postfix+Dovecot, MeshCentral, Ubiquiti, Mikrotik, PHP, WordPress, MongoDB, Neo4j, Pandas, Numpy, Git, MediaWiki, AIX, Linux

## Evidence of Excellence

- 3rd place COMMA\_HACK\_4 [\[link\]](#) [\[talk\]](#)
  - Tech: OpenCV, Python, OpenPilot
- Lectured University Physics
  - **Introductory Physics II, Physics and Society**, University of Windsor, Physics Department
- Published in Physics' top journal [\[link\]](#)
  - **Critical Nuclear Charge for Two-Electron Atoms**, Phys. Rev. Lett., **112**, 173001 (2014)
- Maintain Python library with [over 1,000](#) daily installs [\[link\]](#)
  - PyPi sigfig (Tech: Python, pip, unittest, TravisCI, Sphinx)
- Defended Physics MSc thesis
  - "High Precision Three-body Variational Method for Critical Nuclear Charge" [\[link\]](#)
- Pillar of local community
  - ie. **President**, Essex County Soccer Referees, **2008-present** [\[link\]](#)