

Ian Gradert

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<https://igrad.github.io>

[\(563\) 349-3979](tel:(563)349-3979)

Profile

Quality-driven and results-oriented software engineer with deep roots in test-oriented development. Equal focus on minor details and overarching software architecture, with a constant eye for edge-cases. A fast learner and hard worker with a passion for developing quality software by doing things “the right way”. Works well in teams or individually, preferably in quiet and with coffee.

Education

B.S. Computer Science

University of Iowa

Iowa City, IA

Graduated December 2019

Relevant Coursework:

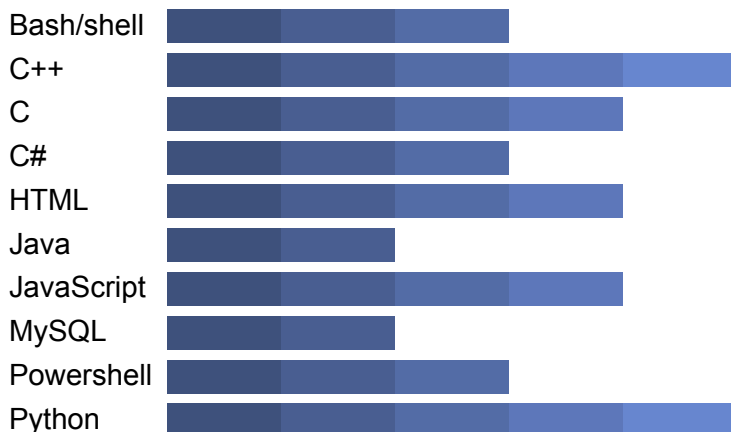
- Object Oriented Software Design
- Operating Systems
- Programming Language Concepts
- Computer Security
- Data Structures
- Computer Organization

Assumption Catholic High School

Davenport, IA

Graduated May 2012

Technical Programming Skills



Work Experience

Software Engineer I

RFA Engineering

03 / 2019 - Present

Guidance Core (Software Dev)

- Guidance software development in C++14 with Ubuntu 18.04 and 20.04
- Worked on Coverage Track, AutoPath, Automation Engine, Machine Autonomy app, and Machine Sync
- Gained experience with modern C++ practices, linux-based development, and GTest

AutoTrac (Test Automation Engineer)

- Founded ATX HIL automated test environment
- Built the basis of ATX regression test suites
- Developed multiple custom Python utilities for unique hardware interaction with ECU-Test
- Created comprehensive dev documentation of the unique TiL model
- Gained experience with CAN, UDS, and J1939

Hardware Support Technician

Von Maur

03 / 2018 - 09 / 2018

- Troubleshoot and repaired POS equipment and support systems, including
 - POS equipment hardware
 - Basic networking
 - Windows software architecture
 - Advanced Powershell scripting.

Help Desk Associate

Von Maur

02 / 2016 - 03 / 2018

- Team lead for branch and corporate support of:
 - POS and adjacent systems
 - Cisco (UCM) telecom systems
 - Windows and IBM iSeries devices
 - Exchange/O365 servers
- Trained new team members 1:1 or 1:2
- Developed iOS app for recruiting team for use at career fairs using Python 3 and Kivy library

Information Systems Intern

Von Maur

03 / 2015 - 09 / 2015

- Lead programmer on small team gathered to design and build web-based POS-server maintenance and observation hub
- Gained experience with C# and ASP.NET-based web development